Raj R Makkar

List of Publications by Year
in descending order

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390 papers	56,081 citations	2795 94 h-index	1152 229 g-index
465 all docs	465 docs citations	465 times ranked	17533 citing authors

#	Article	IF	Citations
1	Transcatheter Aortic-Valve Implantation for Aortic Stenosis in Patients Who Cannot Undergo Surgery. New England Journal of Medicine, 2010, 363, 1597-1607.	13.9	6,189
2	Transcatheter versus Surgical Aortic-Valve Replacement in High-Risk Patients. New England Journal of Medicine, 2011, 364, 2187-2198.	13.9	5,447
3	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2016, 374, 1609-1620.	13.9	3,992
4	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. New England Journal of Medicine, 2019, 380, 1695-1705.	13.9	3,312
5	Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2017, 376, 1321-1331.	13.9	2,249
6	Two-Year Outcomes after Transcatheter or Surgical Aortic-Valve Replacement. New England Journal of Medicine, 2012, 366, 1686-1695.	13.9	2,070
7	5-year outcomes of transcatheter aortic valve replacement or surgical aortic valve replacement for high surgical risk patients with aortic stenosis (PARTNER 1): a randomised controlled trial. Lancet, The, 2015, 385, 2477-2484.	6.3	1,388
8	Intracoronary cardiosphere-derived cells for heart regeneration after myocardial infarction (CADUCEUS): a prospective, randomised phase 1 trial. Lancet, The, 2012, 379, 895-904.	6.3	1,294
9	Transcatheter Aortic-Valve Replacement for Inoperable Severe Aortic Stenosis. New England Journal of Medicine, 2012, 366, 1696-1704.	13.9	1,179
10	Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis. Lancet, The, 2016, 387, 2218-2225.	6.3	899
11	Possible Subclinical Leaflet Thrombosis in Bioprosthetic Aortic Valves. New England Journal of Medicine, 2015, 373, 2015-2024.	13.9	874
12	5-year outcomes of transcatheter aortic valve replacement compared with standard treatment for patients with inoperable aortic stenosis (PARTNER 1): a randomised controlled trial. Lancet, The, 2015, 385, 2485-2491.	6.3	724
13	Subclinical leaflet thrombosis in surgical and transcatheter bioprosthetic aortic valves: an observational study. Lancet, The, 2017, 389, 2383-2392.	6.3	718
14	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 799-809.	13.9	520
15	Predictive Factors, Management, and Clinical Outcomes of Coronary Obstruction Following Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2013, 62, 1552-1562.	1.2	502
16	Anatomical and Procedural Features Associated With Aortic Root Rupture During Balloon-Expandable Transcatheter Aortic Valve Replacement. Circulation, 2013, 128, 244-253.	1.6	476
17	Intracoronary Cardiosphere-Derived Cells After Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 110-122.	1.2	468
18	Vascular Complications After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2012, 60, 1043-1052.	1.2	452

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19	Cross-Sectional Computed Tomographic Assessment Improves Accuracy of Aortic Annular Sizing for Transcatheter Aortic Valve Replacement and Reduces the Incidence of Paravalvular Aortic Regurgitation. Journal of the American College of Cardiology, 2012, 59, 1275-1286.	1.2	441
20	Predictors and Clinical Outcomes of Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2015, 8, 60-69.	1.1	441
21	Valve Academic Research Consortium 3: Updated Endpoint Definitions for AorticÂValve Clinical Research. Journal of the American College of Cardiology, 2021, 77, 2717-2746.	1.2	416
22	Protection Against Cerebral Embolism During Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2017, 69, 367-377.	1.2	405
23	Staging classification of aortic stenosis based on the extent of cardiac damage. European Heart Journal, 2017, 38, 3351-3358.	1.0	364
24	A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 120-129.	13.9	362
25	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus TricuspidÂAorticÂValve Stenosis. Journal of the American College of Cardiology, 2017, 69, 2579-2589.	1.2	356
26	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. Circulation, 2018, 137, 388-399.	1.6	350
27	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. European Heart Journal, 2021, 42, 1825-1857.	1.0	342
28	Prosthetic Heart Valve Thrombosis. Journal of the American College of Cardiology, 2016, 68, 2670-2689.	1.2	332
29	Mitral Annulus Calcification. Journal of the American College of Cardiology, 2015, 66, 1934-1941.	1.2	313
30	Early clinical and echocardiographic outcomes after SAPIEN 3 transcatheter aortic valve replacement in inoperable, high-risk and intermediate-risk patients with aortic stenosis. European Heart Journal, 2016, 37, 2252-2262.	1.0	305
31	Comparison of Coronary Artery Bypass Surgery With Percutaneous Coronary Intervention With Drug-Eluting Stents for Unprotected Left Main Coronary Artery Disease. Journal of the American College of Cardiology, 2006, 47, 864-870.	1.2	303
32	A Prospective Feasibility Trial Investigating the Use of the Impella 2.5 System in Patients Undergoing High-Risk Percutaneous Coronary Intervention (The PROTECT I Trial). JACC: Cardiovascular Interventions, 2009, 2, 91-96.	1.1	295
33	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
34	Health-Related Quality of Life After Transcatheter Aortic Valve Replacement in Inoperable Patients With Severe Aortic Stenosis. Circulation, 2011, 124, 1964-1972.	1.6	278
35	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. Journal of the American College of Cardiology, 2017, 69, 2253-2262.	1.2	271
36	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. European Heart Journal, 2019, 40, 441-451.	1.0	271

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37	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
38	Validation of the Cardiosphere Method to Culture Cardiac Progenitor Cells from Myocardial Tissue. PLoS ONE, 2009, 4, e7195.	1.1	252
39	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. JAMA - Journal of the American Medical Association, 2016, 316, 1083.	3.8	241
40	Percutaneous Implantation of the Edwards SAPIEN Transcatheter Heart Valve for Conduit Failure in the Pulmonary Position. Journal of the American College of Cardiology, 2011, 58, 2248-2256.	1.2	239
41	Infective Endocarditis After Transcatheter Aortic Valve Implantation. Circulation, 2015, 131, 1566-1574.	1.6	227
42	Intramyocardial Injection of Autologous Cardiospheres or Cardiosphere-Derived Cells Preserves Function and Minimizes Adverse Ventricular Remodeling in Pigs With Heart Failure Post-Myocardial Infarction. Journal of the American College of Cardiology, 2011, 57, 455-465.	1.2	222
43	Comparison of Transcatheter and SurgicalÂAortic Valve Replacement in SevereÂAorticÂStenosis. Journal of the American College of Cardiology, 2013, 61, 2514-2521.	1.2	218
44	Association Between Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis and Mortality or Stroke. JAMA - Journal of the American Medical Association, 2019, 321, 2193.	3.8	211
45	Transcatheter Aortic Valve Replacement inÂPure Native Aortic Valve Regurgitation. Journal of the American College of Cardiology, 2017, 70, 2752-2763.	1.2	207
46	Outcomes 2 Years After Transcatheter Aortic Valve Replacement in Patients at Low Surgical Risk. Journal of the American College of Cardiology, 2021, 77, 1149-1161.	1.2	204
47	Coronary Obstruction in Transcatheter Aortic Valve-in-Valve Implantation. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	202
48	Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 130-139.	13.9	194
49	A Highly Predictive Risk Model for Pacemaker Implantation After TAVR. JACC: Cardiovascular Imaging, 2017, 10, 1139-1147.	2.3	193
50	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 182-193.	1.1	186
51	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
52	Transcatheter Mitral Valve Replacement for Degenerated Bioprosthetic Valves andÂFailedÂAnnuloplasty Rings. Journal of the American College of Cardiology, 2017, 70, 1121-1131.	1.2	183
53	Intravenous mesenchymal stem cell therapy early after reperfused acute myocardial infarction improves left ventricular function and alters electrophysiologic properties. International Journal of Cardiology, 2006, 111, 231-239.	0.8	175
54	A Bicuspid Aortic Valve Imaging ClassificationÂforÂthe TAVR Era. JACC: Cardiovascular Imaging, 2016, 9, 1145-1158.	2.3	174

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55	One-Year Clinical Outcomes With SAPIEN 3 Transcatheter Aortic Valve Replacement in High-Risk and Inoperable Patients With Severe Aortic Stenosis. Circulation, 2016, 134, 130-140.	1.6	172
56	Natural history of subclinical leaflet thrombosis affecting motion in bioprosthetic aortic valves. European Heart Journal, 2017, 38, 2201-2207.	1.0	169
57	Bleeding Complications After Surgical Aortic Valve Replacement Compared With Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2014, 63, 1100-1109.	1.2	167
58	Subclinical Leaflet Thrombosis in Transcatheter and Surgical BioprostheticÂValves. Journal of the American College of Cardiology, 2020, 75, 3003-3015.	1.2	165
59	Local Drug Delivery via a Coronary Stent With Programmable Release Pharmacokinetics. Circulation, 2003, 107, 777-784.	1.6	164
60	The Fluid Mechanics of Transcatheter Heart Valve Leaflet Thrombosis in the Neosinus. Circulation, 2017, 136, 1598-1609.	1.6	163
61	Stent fracture associated with drug-eluting stents: Clinical characteristics and implications. Catheterization and Cardiovascular Interventions, 2007, 69, 387-394.	0.7	160
62	Long-Term Outcomes of Inoperable Patients With Aortic Stenosis Randomly Assigned to Transcatheter Aortic Valve Replacement or Standard Therapy. Circulation, 2014, 130, 1483-1492.	1.6	158
63	Aortic Annular Sizing for Transcatheter Aortic Valve Replacement Using Cross-Sectional 3-Dimensional Transesophageal Echocardiography. Journal of the American College of Cardiology, 2013, 61, 908-916.	1.2	156
64	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. JAMA Cardiology, 2017, 2, 1208.	3.0	155
65	Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 1297-1308.	1.2	152
66	Stem Cell Repair of Infarcted Myocardium. Circulation, 2003, 108, 1139-1145.	1.6	149
67	Impact of Annual Operator and Institutional Volume on Percutaneous Coronary Intervention Outcomes. Circulation, 2014, 130, 1392-1406.	1.6	147
68	A revised methodology for aortic-valvar complex calcium quantification for transcatheter aortic valve implantation. European Heart Journal Cardiovascular Imaging, 2014, 15, 1324-1332.	0.5	145
69	Insights Into Timing, Risk Factors, and Outcomes of Stroke and Transient Ischemic Attack After Transcatheter Aortic Valve Replacement in the PARTNER Trial (Placement of Aortic Transcatheter) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	144
70	Bicuspid Aortic Valve Morphology andÂOutcomes After Transcatheter AorticÂValve Replacement. Journal of the American College of Cardiology, 2020, 76, 1018-1030.	1.2	143
71	Determinants and Outcomes of Acute Transcatheter Valve-in-Valve Therapy orÂEmbolization. Journal of the American College of Cardiology, 2013, 62, 418-430.	1.2	140
72	Effect of Mechanically Expanded vs Self-Expanding Transcatheter Aortic Valve Replacement on Mortality and Major Adverse Clinical Events in High-Risk Patients With Aortic Stenosis. JAMA - Journal of the American Medical Association, 2018, 319, 27.	3.8	135

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73	Impact of Preoperative Moderate/Severe Mitral Regurgitation on 2-Year Outcome After Transcatheter and Surgical Aortic Valve Replacement. Circulation, 2013, 128, 2776-2784.	1.6	134
74	Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. European Heart Journal, 2015, 36, 3370-3379.	1.0	133
75	Systematic CT Methodology for the Evaluation of Subclinical LeafletÂThrombosis. JACC: Cardiovascular Imaging, 2017, 10, 461-470.	2.3	131
76	Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations. JACC: Cardiovascular Interventions, 2014, 7, 662-673.	1.1	122
77	Drug-Eluting Stent for Left Main Coronary Artery Disease. JACC: Cardiovascular Interventions, 2012, 5, 718-727.	1.1	121
78	Mesenchymal Stem Cell Injection Induces Cardiac Nerve Sprouting and Increased Tenascin Expression in a Swine Model of Myocardial Infarction. Journal of Cardiovascular Electrophysiology, 2003, 14, 841-848.	0.8	120
79	Transcatheter Aortic Valve Replacement With the St. Jude Medical Portico Valve. Journal of the American College of Cardiology, 2012, 60, 581-586.	1.2	120
80	Cost-Effectiveness of Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Risk. Circulation, 2019, 139, 877-888.	1.6	120
81	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. Journal of the American College of Cardiology, 2020, 76, 1830-1843.	1.2	119
82	Chronic pacing and adverse outcomes after transcatheter aortic valve implantation. Heart, 2015, 101, 1665-1671.	1.2	117
83	Safety and Efficacy of Transcatheter Aortic Valve Replacement in the Treatment of Pure Aortic Regurgitation in Native Valves and Failing Surgical Bioprostheses. JACC: Cardiovascular Interventions, 2017, 10, 1048-1056.	1.1	117
84	One-Year Outcomes of Mitral Valve-in-Valve Using the SAPIEN 3 Transcatheter Heart Valve. JAMA Cardiology, 2020, 5, 1245.	3.0	115
85	A Meta-Analysis of 3,773 Patients Treated With Percutaneous Coronary Intervention or Surgery for Unprotected Left Main Coronary Artery Stenosis. JACC: Cardiovascular Interventions, 2009, 2, 739-747.	1.1	114
86	Transcatheter Versus Surgical Aortic-Valve Replacement in High-Risk Patients. Survey of Anesthesiology, 2012, 56, 4-5.	0.1	113
87	Coronary Access After TAVR. JACC: Cardiovascular Interventions, 2020, 13, 693-705.	1.1	110
88	Metaâ€analysis of complications in aortic valve replacement: Comparison of Medtronicâ€Corevalve, Edwardsâ€Sapien and surgical aortic valve replacement in 8,536 patients. Catheterization and Cardiovascular Interventions, 2012, 80, 128-138.	0.7	107
89	Health Status Benefits of Transcatheter vs Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Surgical Risk. JAMA Cardiology, 2017, 2, 837.	3.0	105
90	Intramyocardial Injection of Allogenic Bone Marrow-Derived Mesenchymal Stem Cells Without Immunosuppression Preserves Cardiac Function in a Porcine Model of Myocardial Infarction. Journal of Cardiovascular Pharmacology and Therapeutics, 2005, 10, 225-233.	1.0	104

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91	New-onset left bundle branch block after transcatheter aortic valve replacement is associated with adverse long-term clinical outcomes in intermediate-risk patients: an analysis from the PARTNER II trial. European Heart Journal, 2019, 40, 2218-2227.	1.0	103
92	Validation of Contrast-Enhanced Magnetic Resonance Imaging to Monitor Regenerative Efficacy After Cell Therapy in a Porcine Model of Convalescent Myocardial Infarction. Circulation, 2013, 128, 2764-2775.	1.6	100
93	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
94	Meta-Analysis of the Impact of Mitral Regurgitation on Outcomes After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2015, 115, 942-949.	0.7	96
95	Meta-Analysis of Incidence, Clinical Characteristics and Implications of Stent Fracture. American Journal of Cardiology, 2010, 106, 1075-1080.	0.7	95
96	Incidence and outcome of peri-procedural transcatheter heart valve embolization and migration: the TRAVEL registry (TranscatheteR HeArt Valve EmboLization and Migration). European Heart Journal, 2019, 40, 3156-3165.	1.0	92
97	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
98	A Randomized Evaluation of the SAPIEN XT Transcatheter Heart Valve System in Patients With Aortic Stenosis Who Are NotÂCandidates for Surgery. JACC: Cardiovascular Interventions, 2015, 8, 1797-1806.	1.1	90
99	Chimney Stenting for Coronary Occlusion During TAVR. JACC: Cardiovascular Interventions, 2020, 13, 751-761.	1.1	90
100	Predictive Accuracy of SYNTAX Score for Predicting Long-Term Outcomes of Unprotected Left Main Coronary Artery Revascularization. American Journal of Cardiology, 2011, 107, 360-366.	0.7	89
101	Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients. Circulation, 2020, 141, 1527-1537.	1.6	89
102	Stem-Cell Transplantation in Myocardial Infarction: A Status Report. Annals of Internal Medicine, 2004, 140, 729.	2.0	87
103	Shortâ€term results of alcohol septal ablation as a bailâ€out strategy to treat severe left ventricular outflow tract obstruction after transcatheter mitral valve replacement in patients with severe mitral annular calcification. Catheterization and Cardiovascular Interventions, 2017, 90, 1220-1226.	0.7	85
104	Drug-eluting stenting is superior to bare metal stenting in saphenous vein grafts. Catheterization and Cardiovascular Interventions, 2005, 66, 507-511.	0.7	83
105	Outcomes With Post-Dilation Following Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2014, 7, 781-789.	1.1	83
106	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, .	1.4	83
107	Outcomes in Patients With Transcatheter Aortic Valve Replacement and Left MainÂStenting. Journal of the American College of Cardiology, 2016, 67, 951-960.	1.2	83
108	Long-Term Valve Performance of TAVR and SAVR. JACC: Cardiovascular Imaging, 2017, 10, 15-25.	2.3	83

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109	ALLogeneic Heart STem Cells to Achieve Myocardial Regeneration (ALLSTAR) Trial: Rationale and Design. Cell Transplantation, 2017, 26, 205-214.	1.2	83
110	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
111	Percutaneous left ventricular assist device: â€œTandemHeartâ€•for high-risk coronary intervention. Catheterization and Cardiovascular Interventions, 2005, 65, 346-352.	0.7	81
112	Transcatheter Valve-in-Ring ImplantationÂfor the Treatment of ResidualÂor Recurrent Tricuspid Valve Dysfunction After Prior Surgical Repair. JACC: Cardiovascular Interventions, 2017, 10, 53-63.	1.1	81
113	Comprehensive Analysis of Mortality Among Patients Undergoing TAVR. Journal of the American College of Cardiology, 2014, 64, 158-168.	1.2	80
114	Commissural Alignment of Bioprosthetic Aortic Valve and Native Aortic Valve Following Surgical and Transcatheter AorticÂValveÂReplacement and its Impact on Valvular Function and Coronary Filling. JACC: Cardiovascular Interventions, 2018, 11, 1733-1743.	1.1	80
115	Cellular Postconditioning. Circulation: Heart Failure, 2015, 8, 322-332.	1.6	79
116	Therapeutic efficacy of cardiosphere-derived cells in a transgenic mouse model of non-ischaemic dilated cardiomyopathy. European Heart Journal, 2015, 36, 751-762.	1.0	79
117	Aortic Angulation Attenuates Procedural Success Following Self-Expandable ButÂNot Balloon-Expandable TAVR. JACC: Cardiovascular Imaging, 2016, 9, 964-972.	2.3	78
118	Intracoronary ALLogeneic heart STem cells to Achieve myocardial Regeneration (ALLSTAR): a randomized, placebo-controlled, double-blinded trial. European Heart Journal, 2020, 41, 3451-3458.	1.0	78
119	Concomitant mitral annular calcification and severe aortic stenosis: prevalence, characteristics and outcome following transcatheter aortic valve replacement. European Heart Journal, 2017, 38, ehw594.	1.0	77
120	Rate of peri-procedural stroke observed with cerebral embolic protection during transcatheter aortic valve replacement: a patient-level propensity-matched analysis. European Heart Journal, 2019, 40, 1334-1340.	1.0	77
121	Comparison of Coronary Artery Bypass Surgery and Percutaneous Drug-Eluting Stent Implantation for Treatment of Left Main Coronary Artery Stenosis. JACC: Cardiovascular Interventions, 2008, 1, 236-245.	1.1	76
122	Self-expanding intra-annular versus commercially available transcatheter heart valves in high and extreme risk patients with severe aortic stenosis (PORTICO IDE): a randomised, controlled, non-inferiority trial. Lancet, The, 2020, 396, 669-683.	6.3	76
123	Long-Term Clinical Outcomes After Percutaneous Coronary Intervention for Ostial/Mid-Shaft Lesions Versus Distal Bifurcation Lesions in Unprotected LeftÂMain Coronary Artery. JACC: Cardiovascular Interventions, 2013, 6, 1242-1249.	1.1	75
124	Porcelain Aorta. Circulation, 2015, 131, 827-836.	1.6	75
125	Impact of Preoperative Chronic Kidney Disease in 2,531 High-Risk and Inoperable Patients Undergoing Transcatheter Aortic Valve Replacement in the PARTNER Trial. Annals of Thoracic Surgery, 2016, 102, 1172-1180.	0.7	75
126	Prosthetic Valve Endocarditis After TAVR and SAVR. Circulation, 2019, 140, 1984-1994.	1.6	75

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127	Longitudinal Hemodynamics of Transcatheter and Surgical Aortic Valves in the PARTNER Trial. JAMA Cardiology, 2017, 2, 1197.	3.0	70
128	Complete percutaneous approach for arterial access in transfemoral transcatheter aortic valve replacement: A comparison with surgical cutâ€down and closure. Catheterization and Cardiovascular Interventions, 2014, 84, 293-300.	0.7	68
129	1-Year Outcomes for Transcatheter Repair in Patients With Mitral Regurgitation From the CLASP Study. JACC: Cardiovascular Interventions, 2020, 13, 2344-2357.	1.1	68
130	Learning curves for transfemoral transcatheter aortic valve replacement in the PARTNERâ€‰trial: Success and safety. Catheterization and Cardiovascular Interventions, 2016, 87, 165-175.	0.7	67
131	Clinical impact of coronary protection during transcatheter aortic valve implantation: first reported series of patients. EuroIntervention, 2015, 11, 572-581.	1.4	67
132	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. JACC: Cardiovascular Interventions, 2020, 13, 2528-2538.	1.1	65
133	Cardiac and skeletal muscle effects in the randomized HOPE-Duchenne trial. Neurology, 2019, 92, e866-e878.	1.5	64
134	Cerebral Embolic Protection and Outcomes of Transcatheter Aortic Valve Replacement: Results From the Transcatheter Valve Therapy Registry. Circulation, 2021, 143, 2229-2240.	1.6	64
135	Outcomes From Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis and Left Ventricular Ejection Fraction Less Than 30%. JAMA Cardiology, 2019, 4, 64.	3.0	63
136	Stratification of Outcomes After Transcatheter AorticÂValve Replacement According to Surgical Inoperability for Technical Versus Clinical Reasons. Journal of the American College of Cardiology, 2014, 63, 901-911.	1.2	62
137	The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2830-2837.e1.	0.4	62
138	Utilization and Adverse Outcomes of Percutaneous Left Atrial Appendage Closure for Stroke Prevention in Atrial Fibrillation in the United States. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 42-48.	2.1	61
139	Learning curves for transfemoral transcatheter aortic valve replacement in the <scp>PARTNERâ€‰</scp> trial: Technical performance. Catheterization and Cardiovascular Interventions, 2016, 87, 154-162.	0.7	61
140	Transcatheter Edge-to-Edge Mitral Valve Repair With the MitraClip G4 System. JACC: Cardiovascular Interventions, 2020, 13, 2402-2414.	1.1	61
141	Risk of Coronary Obstruction Due to Sinus Sequestration in Redo Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2617-2627.	1.1	61
142	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. European Journal of Cardio-thoracic Surgery, 2021, 60, 448-476.	0.6	61
143	Comparison of bypass surgery with drugâ€eluting stents for diabetic patients with multivessel disease. International Journal of Cardiology, 2007, 123, 34-42.	0.8	58
144	Coronary Protection to Prevent Coronary Obstruction During TAVR. JACC: Cardiovascular Interventions, 2020, 13, 739-747.	1.1	58

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145	Transapical Aortic Valve Replacement for Severe Aortic Stenosis: Results From the Nonrandomized Continued Access Cohort of the PARTNER Trial. Annals of Thoracic Surgery, 2013, 96, 2083-2089.	0.7	57
146	Health Status After Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2019, 74, 2833-2842.	1.2	57
147	3- or 1-Month DAPT in Patients at High Bleeding Risk Undergoing Everolimus-Eluting Stent Implantation. JACC: Cardiovascular Interventions, 2021, 14, 1870-1883.	1.1	56
148	Sex-Specific Outcomes of TranscatheterÂAortic Valve Replacement With the SAPIEN 3 Valve. JACC: Cardiovascular Interventions, 2018, 11, 13-20.	1.1	55
149	Percutaneous Aortic Balloon Valvotomy in the United States: A 13-Year Perspective. American Journal of Medicine, 2014, 127, 744-753.e3.	0.6	54
150	Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial. Journal of the American College of Cardiology, 2018, 72, 2415-2426.	1.2	54
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152	Transcatheter Aortic Valve Replacement in Oncology Patients With Severe AorticÂStenosis. JACC: Cardiovascular Interventions, 2019, 12, 78-86.	1.1	53
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