

# Raj R Makkar

## List of Publications by Citations

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367  
papers

39,202  
citations

81  
h-index

195  
g-index

465  
ext. papers

49,251  
ext. citations

7.8  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
367	Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. <i>New England Journal of Medicine</i> , <b>2010</b> , 363, 1597-607	59.2	4801
366	Transcatheter versus surgical aortic-valve replacement in high-risk patients. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 2187-98	59.2	4230
365	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1609-20	59.2	2746
364	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1695-1705	59.2	1849
363	Two-year outcomes after transcatheter or surgical aortic-valve replacement. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 1686-95	59.2	1737
362	Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 1321-1331	59.2	1524
361	Intracoronary cardiosphere-derived cells for heart regeneration after myocardial infarction (CADUCEUS): a prospective, randomised phase 1 trial. <i>Lancet, The</i> , <b>2012</b> , 379, 895-904	40	1108
360	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. <i>Lancet, The</i> , <b>2015</b> , 385, 2477-84	40	1042
359	Transcatheter aortic-valve replacement for inoperable severe aortic stenosis. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 1696-704	59.2	958
358	Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis. <i>Lancet, The</i> , <b>2016</b> , 387, 2218-25	40	697
357	Possible Subclinical Leaflet Thrombosis in Bioprosthetic Aortic Valves. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 2015-24	59.2	627
356	5-year outcomes of transcatheter aortic valve replacement compared with standard treatment for patients with inoperable aortic stenosis (PARTNER 1): a randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 385, 2485-91	40	549
355	Subclinical leaflet thrombosis in surgical and transcatheter bioprosthetic aortic valves: an observational study. <i>Lancet, The</i> , <b>2017</b> , 389, 2383-2392	40	479
354	Cross-sectional computed tomographic assessment improves accuracy of aortic annular sizing for transcatheter aortic valve replacement and reduces the incidence of paravalvular aortic regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1275-86	15.1	392
353	Intracoronary cardiosphere-derived cells after myocardial infarction: evidence of therapeutic regeneration in the final 1-year results of the CADUCEUS trial (Cardiosphere-Derived autologous stem Cells to reverse ventricular dysfunction). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 142-50	15.1	379
352	Vascular complications after transcatheter aortic valve replacement: insights from the PARTNER (Placement of Aortic Transcatheter Valve) trial. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1043-52	15.1	363
351	Predictive factors, management, and clinical outcomes of coronary obstruction following transcatheter aortic valve implantation: insights from a large multicenter registry. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1552-62	15.1	361

350	Anatomical and procedural features associated with aortic root rupture during balloon-expandable transcatheter aortic valve replacement. <i>Circulation</i> , <b>2013</b> , 128, 244-53	16.7	354
349	Predictors and clinical outcomes of permanent pacemaker implantation after transcatheter aortic valve replacement: the PARTNER (Placement of AoRtic TraNscathetER Valves) trial and registry. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 60-9	5	334
348	Comparison of coronary artery bypass surgery with percutaneous coronary intervention with drug-eluting stents for unprotected left main coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 864-70	15.1	284
347	Protection Against Cerebral Embolism During Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 367-377	15.1	262
346	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): initial U.S. experience. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 91-6	5	254
345	Early clinical and echocardiographic outcomes after SAPIEN 3 transcatheter aortic valve replacement in inoperable, high-risk and intermediate-risk patients with aortic stenosis. <i>European Heart Journal</i> , <b>2016</b> , 37, 2252-62	9.5	247
344	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2579-2589	15.1	240
343	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 799-809	59.2	239
342	Health-related quality of life after transcatheter aortic valve replacement in inoperable patients with severe aortic stenosis. <i>Circulation</i> , <b>2011</b> , 124, 1964-72	16.7	231
341	Validation of the cardiosphere method to culture cardiac progenitor cells from myocardial tissue. <i>PLoS ONE</i> , <b>2009</b> , 4, e7195	3.7	229
340	Prosthetic Heart Valve Thrombosis. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2670-2689	15.1	212
339	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses: PARTNER 2 Valve-in-Valve Registry. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2253-2262	15.1	207
338	Mitral Annulus Calcification. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1934-41	15.1	207
337	Percutaneous implantation of the Edwards SAPIEN transcatheter heart valve for conduit failure in the pulmonary position: early phase 1 results from an international multicenter clinical trial. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 2248-56	15.1	202
336	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , <b>2018</b> , 137, 388-399	16.7	194
335	1-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Mitral Annular Calcification. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1841-1853	15.1	189
334	Intramyocardial injection of autologous cardiospheres or cardiosphere-derived cells preserves function and minimizes adverse ventricular remodeling in pigs with heart failure post-myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 455-65	15.1	187
333	A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 120-129	59.2	185

332	Comparison of transcatheter and surgical aortic valve replacement in severe aortic stenosis: a longitudinal study of echocardiography parameters in cohort A of the PARTNER trial (placement of aortic transcatheter valves). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 2514-21	15.1	181
331	Infective endocarditis after transcatheter aortic valve implantation: results from a large multicenter registry. <i>Circulation</i> , <b>2015</b> , 131, 1566-74	16.7	162
330	Intravenous mesenchymal stem cell therapy early after reperfused acute myocardial infarction improves left ventricular function and alters electrophysiologic properties. <i>International Journal of Cardiology</i> , <b>2006</b> , 111, 231-9	3.2	161
329	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 1083-92	37.4	160
328	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. <i>European Heart Journal</i> , <b>2019</b> , 40, 441-451	9.5	158
327	Incidence, predictors, and clinical outcomes of coronary obstruction following transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: insights from the VIVID registry. <i>European Heart Journal</i> , <b>2018</b> , 39, 687-695	9.5	158
326	Local drug delivery via a coronary stent with programmable release pharmacokinetics. <i>Circulation</i> , <b>2003</b> , 107, 777-84	16.7	152
325	Clinical implications of new-onset left bundle branch block after transcatheter aortic valve replacement: analysis of the PARTNER experience. <i>European Heart Journal</i> , <b>2014</b> , 35, 1599-607	9.5	149
324	Stent fracture associated with drug-eluting stents: clinical characteristics and implications. <i>Catheterization and Cardiovascular Interventions</i> , <b>2007</b> , 69, 387-94	2.7	148
323	Staging classification of aortic stenosis based on the extent of cardiac damage. <i>European Heart Journal</i> , <b>2017</b> , 38, 3351-3358	9.5	140
322	Aortic annular sizing for transcatheter aortic valve replacement using cross-sectional 3-dimensional transesophageal echocardiography. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 908-16	15.1	139
321	One-Year Clinical Outcomes With SAPIEN 3 Transcatheter Aortic Valve Replacement in High-Risk and Inoperable Patients With Severe Aortic Stenosis. <i>Circulation</i> , <b>2016</b> , 134, 130-40	16.7	136
320	Coronary obstruction in transcatheter aortic valve-in-valve implantation: preprocedural evaluation, device selection, protection, and treatment. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8,	6	135
319	Transcatheter Mitral Valve Replacement for Degenerated Bioprosthetic Valves and Failed Annuloplasty Rings. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1121-1131	15.1	134
318	Bleeding complications after surgical aortic valve replacement compared with transcatheter aortic valve replacement: insights from the PARTNER I Trial (Placement of Aortic Transcatheter Valve). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1100-9	15.1	127
317	Stem cell repair of infarcted myocardium: an overview for clinicians. <i>Circulation</i> , <b>2003</b> , 108, 1139-45	16.7	127
316	Long-term outcomes of inoperable patients with aortic stenosis randomly assigned to transcatheter aortic valve replacement or standard therapy. <i>Circulation</i> , <b>2014</b> , 130, 1483-92	16.7	125
315	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 1145-1158	8.4	124

314	A Highly Predictive Risk Model for Pacemaker Implantation After TAVR. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 1139-1147	8.4	121
313	Transcatheter Aortic Valve Replacement in Pure Native Aortic Valve Regurgitation. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2752-2763	15.1	117
312	Association Between Transcatheter Aortic Valve Replacement for Bicuspid vs Tricuspid Aortic Stenosis and Mortality or Stroke. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2193-2202	27.4	116
311	Determinants and outcomes of acute transcatheter valve-in-valve therapy or embolization: a study of multiple valve implants in the U.S. PARTNER trial (Placement of AoRTic TraNscathetER Valve Trial Edwards SAPIEN Transcatheter Heart Valve). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 418-30	15.1	116
310	Natural history of subclinical leaflet thrombosis affecting motion in bioprosthetic aortic valves. <i>European Heart Journal</i> , <b>2017</b> , 38, 2201-2207	9.5	115
309	Impact of annual operator and institutional volume on percutaneous coronary intervention outcomes: a 5-year United States experience (2005-2009). <i>Circulation</i> , <b>2014</b> , 130, 1392-406	16.7	114
308	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 182-193	5	104
307	A revised methodology for aortic-valvar complex calcium quantification for transcatheter aortic valve implantation. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1324-32	4.1	103
306	Transcatheter aortic valve replacement with the St. Jude Medical Portico valve: first-in-human experience. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 581-6	15.1	103
305	Mesenchymal stem cell injection induces cardiac nerve sprouting and increased tenascin expression in a Swine model of myocardial infarction. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2003</b> , 14, 841-8	2.7	103
304	Drug-eluting stent for left main coronary artery disease. The DELTA registry: a multicenter registry evaluating percutaneous coronary intervention versus coronary artery bypass grafting for left main treatment. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 718-27	5	102
303	Impact of preoperative moderate/severe mitral regurgitation on 2-year outcome after transcatheter and surgical aortic valve replacement: insight from the Placement of Aortic Transcatheter Valve (PARTNER) Trial Cohort A. <i>Circulation</i> , <b>2013</b> , 128, 2776-84	16.7	101
302	A meta-analysis of 3,773 patients treated with percutaneous coronary intervention or surgery for unprotected left main coronary artery stenosis. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 739-47	5	98
301	Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. <i>European Heart Journal</i> , <b>2015</b> , 36, 3370-9	9.5	97
300	Early regression of severe left ventricular hypertrophy after transcatheter aortic valve replacement is associated with decreased hospitalizations. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 662-73	5	97
299	The Fluid Mechanics of Transcatheter Heart Valve Leaflet Thrombosis in the Neosinus. <i>Circulation</i> , <b>2017</b> , 136, 1598-1609	16.7	97
298	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: The REPRISE III Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 27-37	27.4	94
297	Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 130-139	59.2	93

296	Chronic pacing and adverse outcomes after transcatheter aortic valve implantation. <i>Heart</i> , <b>2015</b> , 101, 1665-71	5.1	92
295	Intramyocardial injection of allogenic bone marrow-derived mesenchymal stem cells without immunosuppression preserves cardiac function in a porcine model of myocardial infarction. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2005</b> , 10, 225-33	2.6	92
294	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 1208-1216	16.2	89
293	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 Valves). <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	89
292	Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis: The TOPAS-TAVI Registry. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1297-1308	15.1	88
291	Meta-analysis of complications in aortic valve replacement: comparison of Medtronic-Corevalve, Edwards-Sapien and surgical aortic valve replacement in 8,536 patients. <i>Catheterization and Cardiovascular Interventions</i> , <b>2012</b> , 80, 128-38	2.7	88
290	Validation of contrast-enhanced magnetic resonance imaging to monitor regenerative efficacy after cell therapy in a porcine model of convalescent myocardial infarction. <i>Circulation</i> , <b>2013</b> , 128, 2764-75	16.7	86
289	Meta-analysis of incidence, clinical characteristics and implications of stent fracture. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 1075-80	3	85
288	Systematic CT Methodology for the Evaluation of Subclinical Leaflet Thrombosis. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 461-470	8.4	84
287	Predictive accuracy of SYNTAX score for predicting long-term outcomes of unprotected left main coronary artery revascularization. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 360-6	3	84
286	Drug-eluting stenting is superior to bare metal stenting in saphenous vein grafts. <i>Catheterization and Cardiovascular Interventions</i> , <b>2005</b> , 66, 507-11	2.7	76
285	Outcomes of patients with chronic lung disease and severe aortic stenosis treated with transcatheter versus surgical aortic valve replacement or standard therapy: insights from the PARTNER trial (placement of AoRTic TraNscathetER Valve). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 210-7	15.1	75
284	A Randomized Evaluation of the SAPIEN XT Transcatheter Heart Valve System in Patients With Aortic Stenosis Who Are Not Candidates for Surgery. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1797-806	5.6	74
283	Outcomes with post-dilation following transcatheter aortic valve replacement: the PARTNER I trial (placement of aortic transcatheter valve). <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 781-9	5	73
282	Stem-cell transplantation in myocardial infarction: a status report. <i>Annals of Internal Medicine</i> , <b>2004</b> , 140, 729-37	8	72
281	Safety and Efficacy of Transcatheter Aortic Valve Replacement in the Treatment of Pure Aortic Regurgitation in Native Valves and Failing Surgical Bioprostheses: Results From an International Registry Study. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 1048-1056	5	71
280	Percutaneous left ventricular assist device: "TandemHeart" for high-risk coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , <b>2005</b> , 65, 346-52	2.7	71
279	Comparison of coronary artery bypass surgery and percutaneous drug-eluting stent implantation for treatment of left main coronary artery stenosis. <i>JACC: Cardiovascular Interventions</i> , <b>2008</b> , 1, 236-45	5	70

278	ALlogeneic Heart STem Cells to Achieve Myocardial Regeneration (ALLSTAR) Trial: Rationale and Design. <i>Cell Transplantation</i> , <b>2017</b> , 26, 205-214	4	69
277	Meta-analysis of the impact of mitral regurgitation on outcomes after transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 942-9	3	69
276	Health Status Benefits of Transcatheter vs Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Surgical Risk: Results From the PARTNER 2 Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 837-845	16.2	68
275	Cost-Effectiveness of Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Risk. <i>Circulation</i> , <b>2019</b> , 139, 877-888	16.7	68
274	Cellular postconditioning: allogeneic cardiosphere-derived cells reduce infarct size and attenuate microvascular obstruction when administered after reperfusion in pigs with acute myocardial infarction. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 322-32	7.6	65
273	Therapeutic efficacy of cardiosphere-derived cells in a transgenic mouse model of non-ischaemic dilated cardiomyopathy. <i>European Heart Journal</i> , <b>2015</b> , 36, 751-62	9.5	64
272	Short-term results of alcohol septal ablation as a bail-out strategy to treat severe left ventricular outflow tract obstruction after transcatheter mitral valve replacement in patients with severe mitral annular calcification. <i>Catheterization and Cardiovascular Interventions</i> , <b>2017</b> , 90, 1220-1226	2.7	63
271	Outcomes in Patients With Transcatheter Aortic Valve Replacement and Left Main Stenting: The TAVR-LM Registry. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 951-960	15.1	63
270	Subclinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Valves: PARTNER 3 Cardiac Computed Tomography Substudy. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 3003-3015	15.1	62
269	The impact of calcium volume and distribution in aortic root injury related to balloon-expandable transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2015</b> , 9, 382-92	2.8	62
268	Long-term clinical outcomes after percutaneous coronary intervention for ostial/mid-shaft lesions versus distal bifurcation lesions in unprotected left main coronary artery: the DELTA Registry (drug-eluting stent for left main coronary artery disease): a multicenter registry evaluating percutaneous coronary intervention versus coronary artery bypass grafting for left main treatment.	5	61
267	Concomitant mitral annular calcification and severe aortic stenosis: prevalence, characteristics and outcome following transcatheter aortic valve replacement. <i>European Heart Journal</i> , <b>2017</b> , 38, 1194-1203	9.5	61
266	Transcatheter Valve-in-Ring Implantation for the Treatment of Residual or Recurrent Tricuspid Valve Dysfunction After Prior Surgical Repair. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 53-63	5	59
265	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> , <b>2016</b> , 9,	6	59
264	Long-Term Valve Performance of TAVR and SAVR: A Report From the PARTNER I Trial. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> ,	8.4	58
263	Comprehensive analysis of mortality among patients undergoing TAVR: results of the PARTNER trial. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 158-68	15.1	58
262	Porcelain aorta: a comprehensive review. <i>Circulation</i> , <b>2015</b> , 131, 827-36	16.7	56
261	Learning curves for transfemoral transcatheter aortic valve replacement in the PARTNER-I trial: Success and safety. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 165-75	2.7	56

260	Longitudinal Hemodynamics of Transcatheter and Surgical Aortic Valves in the PARTNER Trial. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 1197-1206	16.2	54
259	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. <i>European Heart Journal</i> , <b>2019</b> , 40, 2218-2227	9.5	54
258	Complete percutaneous approach for arterial access in transfemoral transcatheter aortic valve replacement: a comparison with surgical cut-down and closure. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 84, 293-300	2.7	54
257	Comparison of bypass surgery with drug-eluting stents for diabetic patients with multivessel disease. <i>International Journal of Cardiology</i> , <b>2007</b> , 123, 34-42	3.2	52
256	Rate of peri-procedural stroke observed with cerebral embolic protection during transcatheter aortic valve replacement: a patient-level propensity-matched analysis. <i>European Heart Journal</i> , <b>2019</b> , 40, 1334-1340	9.5	52
255	Learning curves for transfemoral transcatheter aortic valve replacement in the PARTNER-I trial: Technical performance. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 154-62	2.7	51
254	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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2830-7.e1	1.5	51
253	Transapical aortic valve replacement for severe aortic stenosis: results from the nonrandomized continued access cohort of the PARTNER trial. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 2083-9	2.7	51
252	Impact of Preoperative Chronic Kidney Disease in 2,531 High-Risk and Inoperable Patients Undergoing Transcatheter Aortic Valve Replacement in the PARTNER Trial. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1172-80	2.7	51
251	Aortic Angulation Attenuates Procedural Success Following Self-Expandable But Not Balloon-Expandable TAVR. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 964-72	8.4	50
250	Chimeric DNA-RNA hammerhead ribozyme to proliferating cell nuclear antigen reduces stent-induced stenosis in a porcine coronary model. <i>Circulation</i> , <b>1999</b> , 99, 697-703	16.7	50
249	Clinical impact of coronary protection during transcatheter aortic valve implantation: first reported series of patients. <i>EuroIntervention</i> , <b>2015</b> , 11, 572-81	3.1	50
248	Bicuspid Aortic Valve Morphology and Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1018-1030	15.1	50
247	Mid-Term Valve-Related Outcomes After Transcatheter Tricuspid Valve-in-Valve or Valve-in-Ring Replacement. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 148-157	15.1	49
246	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. <i>European Heart Journal</i> , <b>2021</b> , 42, 1825-1857	9.5	48
245	Outcomes 2 Years After Transcatheter Aortic Valve Replacement in Patients at Low Surgical Risk. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1149-1161	15.1	47
244	Stratification of outcomes after transcatheter aortic valve replacement according to surgical inoperability for technical versus clinical reasons. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 901-11	15.1	46
243	Incidence and outcome of peri-procedural transcatheter heart valve embolization and migration: the TRAVEL registry (Transcatheter HeArt Valve Embolization and Migration). <i>European Heart Journal</i> , <b>2019</b> , 40, 3156-3165	9.5	45



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