John G Webb

List of Publications by Year in Descending Order

444 papers	52,174 citations	108 h-index	224 g-index
489 ext. papers	63,423 ext. citations	5.7 avg, IF	7.01 L-index

#	Paper	IF	Citations
444	Time-of-Day and Clinical Outcomes After Surgical or Transcatheter Aortic Valve Replacement: Insights From the PARTNER Trials.. *Circulation: Cardiovascular Quality and Outcomes*, **2022**, 15, e007948	5.8	0
443	Balloon-Expandable Valve for Treatment of Evolut Valve Failure: Implications on Neoskirt Height and Leaflet Overhang.. *JACC: Cardiovascular Interventions*, **2022**, 15, 368-377	5	2
442	Surgical Treatment of Patients With Infective Endocarditis After Transcatheter Aortic Valve Implantation.. *Journal of the American College of Cardiology*, **2022**, 79, 772-785	15.1	2
441	Same-Day Discharge Post-Transcatheter Aortic Valve Replacement During the COVID-19 Pandemic: The Multicenter PROTECT TAVR Study.. *JACC: Cardiovascular Interventions*, **2022**, 15, 590-598	5	2
440	Takotsubo Cardiomyopathy Following a Transseptal Mitral Valve-in-Valve Procedure.. *CJC Open*, **2022**, 4, 353-354	2	
439	The PARTNER 3 Bicuspid Registry for Transcatheter Aortic Valve Replacement in Low-Surgical-Risk Patients.. *JACC: Cardiovascular Interventions*, **2022**, 15, 523-532	5	2
438	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction.. *Journal of the American College of Cardiology*, **2022**, 79, 1340-1351	15.1	2
437	5-Year Follow-Up From the PARTNER 2 Aortic Valve-in-Valve Registry for Degenerated Aortic Surgical Bioprostheses.. *JACC: Cardiovascular Interventions*, **2022**, 15, 698-708	5	0
436	Failure of Complete Rewrap of a Noncompliant Valvuloplasty Balloon Complicating a Transcatheter Valve-in-Valve Procedure.. *JACC: Cardiovascular Interventions*, **2022**, 15, e81-e83	5	
435	TAVI in 2022: Remaining issues and future direction.. *Archives of Cardiovascular Diseases*, **2022**, 115, 235-242	2.1	2
434	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing.. *Cardiovascular Engineering and Technology*, **2022**, 1	2.2	
433	Standardized Invasive Hemodynamics for Management of Patients With Elevated Echocardiographic Gradients Post-Transcatheter Aortic Valve Replacement at Midterm Follow-Up. *Circulation: Cardiovascular Interventions*, **2021**, CIRCINTERVENTIONS121011243	6	1
432	Outcomes of valve-in-valve transcatheter aortic valve implantation with and without bioprosthetic valve fracture. *EuroIntervention*, **2021**, 17, 848-855	3.1	3
431	Repeat transcatheter aortic valve implantation and implications for transcatheter heart valve performance: insights from bench testing. *EuroIntervention*, **2021**, 17, 856-864	3.1	6
430	Same Day Discharge during the COVID-19 Pandemic in Highly Selected Transcatheter Aortic Valve Replacement Patients.. *Structural Heart*, **2021**, 5, 596-604	0.6	2
429	Impact of Annular Oversizing on Paravalvular Regurgitation and Valve Hemodynamics: New Insights From PARTNER 3. *JACC: Cardiovascular Interventions*, **2021**, 14, 2158-2169	5	3
428	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. *JACC: Cardiovascular Interventions*, **2021**, 14, 489-500	5	15

427	Transfemoral Transcatheter Tricuspid Valve Replacement With the EVOQUE System: A Multicenter, Observational, First-in-Human Experience. *JACC: Cardiovascular Interventions*, **2021**, 14, 501-511	5	32
426	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	15.1	47
425	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. *European Heart Journal*, **2021**, 42, 1825-1857	9.5	48
424	ST-Segment Elevation Myocardial Infarction Following Transcatheter Aortic Valve Replacement. *Journal of the American College of Cardiology*, **2021**, 77, 2187-2199	15.1	9
423	Stroke Complicating Infective Endocarditis After Transcatheter Aortic Valve Replacement. *Journal of the American College of Cardiology*, **2021**, 77, 2276-2287	15.1	3
422	Bioprosthetic valve fracture: Predictors of outcome and follow-up. Results from a multicenter study. *Catheterization and Cardiovascular Interventions*, **2021**, 98, 756-764	2.7	0
421	The COVID-19 Pandemic and Coronary Angiography for ST-Elevation Myocardial Infarction, Use of Mechanical Support, and Mechanical Complications in Canada: A Canadian Association of Interventional Cardiology National Survey. *CJC Open*, **2021**, 3, 1125-1131	2	1
420	Permanent Pacemaker Implantation Following Valve-in-Valve Transcatheter Aortic Valve Replacement: VIVID Registry. *Journal of the American College of Cardiology*, **2021**, 77, 2263-2273	15.1	1
419	Frailty Assessment of Transcatheter Aortic Valve Replacement Patients: Contemporary Practice and Future Directions. *Structural Heart*, **2021**, 5, 357-366	0.6	
418	Data on plug-based large-bore arteriotomy vascular closure device related access complications. *Data in Brief*, **2021**, 36, 106969	1.2	1
417	Atrial Fibrillation and Outcomes After Transcatheter or Surgical Aortic Valve Replacement (from the PARTNER 3 Trial). *American Journal of Cardiology*, **2021**, 148, 116-123	3	1
416	Valve Academic Research Consortium 3: Updated Endpoint Definitions for Aortic Valve Clinical Research. *Journal of the American College of Cardiology*, **2021**, 77, 2717-2746	15.1	39
415	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. *EuroIntervention*, **2021**, 17, e343-e352	3.1	10
414	Postoperative Atrial Fibrillation or Flutter Following Transcatheter or Surgical Aortic Valve Replacement: PARTNER 3 Trial. *JACC: Cardiovascular Interventions*, **2021**, 14, 1565-1574	5	3
413	Transcatheter Tricuspid Valve Intervention in Patients With Previous Left Valve Surgery. *Canadian Journal of Cardiology*, **2021**, 37, 1094-1102	3.8	1
412	Feasibility of Coronary Access in Patients With Acute Coronary Syndrome and Previous TAVR. *JACC: Cardiovascular Interventions*, **2021**, 14, 1578-1590	5	5
411	2-Year Outcomes for Transcatheter Repair in Patients With Mitral Regurgitation From the CLASP Study. *JACC: Cardiovascular Interventions*, **2021**, 14, 1538-1548	5	6
410	Prognostic implications of baseline 6-min walk test performance in intermediate risk patients undergoing transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E154-E160	2.7	1

409	Ten year follow-up of high-risk patients treated during the early experience with transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2021**, 97, E431-E437	2.7	7
408	Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. *Structural Heart*, **2021**, 5, 24-38	0.6	1
407	Arrhythmic burden in patients with new-onset persistent left bundle branch block after transcatheter aortic valve replacement: 2-year results of the MARE study. *Europace*, **2021**, 23, 254-263	3.9	7
406	Frequency, impact and predictors of access complications with plug-based large-bore arteriotomy closure - A patient level meta-analysis. *Cardiovascular Revascularization Medicine*, **2021**,	1.6	2
405	Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. *JACC: Cardiovascular Interventions*, **2021**, 14, 1610-1612	5	
404	Summary: 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, 481-496	3	1
403	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	3	5
402	Incidence, Causes, and Outcomes Associated With Urgent Implantation of a Supplementary Valve During Transcatheter Aortic Valve Replacement. *JAMA Cardiology*, **2021**, 6, 936-944	16.2	1
401	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. *Radiology: Cardiothoracic Imaging*, **2021**, 3, e200496	8.3	2
400	Quality-of-Life Outcomes After Transcatheter Aortic Valve Implantation in a "Real World" Population: Insights From a Prospective Canadian Database. *CJC Open*, **2021**, 3, 1033-1042	2	3
399	Nationally Representative Repeat Transcatheter Aortic Valve Replacement´Outcomes: Report From the Centers for Medicare and Medicaid Services. *JACC: Cardiovascular Interventions*, **2021**, 14, 1717-1726	5	4
398	Next-generation balloon-expandable transcatheter heart valve: the SAPIEN 3 Ultra valve. *Future Cardiology*, **2021**, 17, 811-816	1.3	0
397	5-Year Outcomes Comparing Surgical Versus Transcatheter Aortic Valve Replacement in Patients With Chronic´Kidney Disease. *JACC: Cardiovascular Interventions*, **2021**, 14, 1995-2005	5	0
396	Leaflet and Neoskirt Height in Transcatheter Heart Valves: Implications for Repeat Procedures and Coronary Access. *JACC: Cardiovascular Interventions*, **2021**, 14, 2298-2300	5	1
395	Transcatheter solutions for transcatheter aortic valve replacement dysfunction: is redo transcatheter aortic valve replacement a durable option?. *Annals of Cardiothoracic Surgery*, **2021**, 10, 571-584	4.7	
394	International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. *Annals of Thoracic Surgery*, **2021**, 112, e203-e235	2.7	3
393	International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional and research purposes. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 162, e383-e414	1.5	9
392	Summary: International consensus statement on nomenclature and classification of the congenital bicuspid aortic valve and its aortopathy, for clinical, surgical, interventional, and research purposes. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 162, 781-797	1.5	0

391	Access options for transcatheter mitral valve implantation in patients with prior surgical bioprosthesis. *Annals of Cardiothoracic Surgery*, **2021**, 10, 621-629	4.7	0
390	Summary: International Consensus Statement on Nomenclature and Classification of the Congenital Bicuspid Aortic Valve and Its Aortopathy, for Clinical, Surgical, Interventional and Research Purposes. *Annals of Thoracic Surgery*, **2021**, 112, 1005-1022	2.7	0
389	Bioprosthetic valve fracture: a practical guide. *Annals of Cardiothoracic Surgery*, **2021**, 10, 564-570	4.7	3
388	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. *Journal of the American College of Cardiology*, **2021**, 77, 1-14	15.1	17
387	Dedicated plug based closure for large bore access -The MARVEL prospective registry. *Catheterization and Cardiovascular Interventions*, **2021**, 97, 1270-1278	2.7	10
386	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. *Annals of Thoracic Surgery*, **2020**, 110, 733-740	2.7	11
385	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. *Canadian Journal of Cardiology*, **2020**, 36, 971-976	3.8	13
384	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. *Journal of the American College of Cardiology*, **2020**, 75, 1882-1893	15.1	59
383	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. *Journal of the American College of Cardiology*, **2020**, 75, 3177-3183	15.1	34
382	Incidence, predictors and outcomes of valve-in-valve TAVI: A systematic review and meta-analysis. *International Journal of Cardiology*, **2020**, 316, 64-69	3.2	5
381	Coronary ostial eccentricity in severe aortic stenosis: Guidance for BASILICA transcatheter leaflet laceration. *Journal of Cardiovascular Computed Tomography*, **2020**, 14, 516-519	2.8	8
380	Impact of Transcatheter Aortic Valve Durability on Life Expectancy in Low-Risk Patients With Severe Aortic Stenosis. *Circulation*, **2020**, 142, 354-364	16.7	9
379	Facilitating transcatheter aortic valve implantation in the era of COVID-19: Recommendations for programmes. *European Journal of Cardiovascular Nursing*, **2020**, 19, 537-544	3.3	9
378	Impact of Over-Expansion on SAPIEN 3 Transcatheter Heart Valve Pericardial Leaflets. *Structural Heart*, **2020**, 4, 214-220	0.6	1
377	Mitral regurgitation in patients undergoing transcatheter aortic valve implantation for degenerated surgical aortic bioprosthesis: Insights from PARTNER 2 Valve-in-Valve Registry. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 981-986	2.7	3
376	Single-center prospective study examining use of the Wattson temporary pacing guidewire for transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 968-971	2.7	2
375	Transcatheter Mitral Valve Replacement With the Transseptal EVOQUE System. *JACC: Cardiovascular Interventions*, **2020**, 13, 2418-2426	5	24
374	Evaluation of an Explanted Tiara Transcatheter Mitral Valve. *JACC: Case Reports*, **2020**, 2, 528-532	1.2	

373	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. *European Heart Journal*, **2020**, 41, 2731-2742	9.5	46
372	Transcatheter aortic valve replacement in bicuspid aortic valve stenosis. *Progress in Cardiovascular Diseases*, **2020**, 63, 482-487	8.5	3
371	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	3	5
370	Characteristics and usefulness of unintended premature ventricular contraction during invasive assessment of aortic stenosis. *International Journal of Cardiology*, **2020**, 313, 35-38	3.2	0
369	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention: An Ex Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2020**, 13, 667-678	5	2
368	The importance of the Heart Team evaluation before transcatheter aortic valve replacement: Results from the BRAVO-3 trial. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E688-E694	2.7	0
367	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. *New England Journal of Medicine*, **2020**, 382, 799-809	59.2	239
366	Impact of implant depth on hydrodynamic function of the ALLEGRA bioprosthesis in valve-in-valve interventions. *EuroIntervention*, **2020**, 15, e1335-e1342	3.1	6
365	Frailty and Bleeding in Older Adults Undergoing TAVR or SAVR: Insights From the FRAILTY-AVR Study. *JACC: Cardiovascular Interventions*, **2020**, 13, 1058-1068	5	12
364	Mid-term outcome in patients with bicuspid aortic valve stenosis following transcatheter aortic valve replacement with a current generation device: A multicenter study. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 1186-1192	2.7	8
363	Long-Term Durability of Transcatheter Heart Valves: Insights From Bench Testing to 25 Years. *JACC: Cardiovascular Interventions*, **2020**, 13, 235-249	5	7
362	Predictors of Cumulative Health Care Costs Associated With Transcatheter Aortic Valve Replacement in Severe Aortic Stenosis. *Canadian Journal of Cardiology*, **2020**, 36, 1244-1251	3.8	5
361	Mid-Term Outcomes of Transcatheter Aortic Valve Replacement in Extremely Large Annuli With Edwards SAPIEN 3 Valve. *JACC: Cardiovascular Interventions*, **2020**, 13, 210-216	5	7
360	Inequity in Access to Transcatheter Aortic Valve Replacement: A Pan-Canadian Evaluation of Wait-Times. *Canadian Journal of Cardiology*, **2020**, 36, 844-851	3.8	4
359	Late Electrocardiographic Changes in Patients With New-Onset Left Bundle Branch Block Following Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2020**, 125, 795-802	3	8
358	Post-procedure protocol to facilitate next-day discharge: Results of the multidisciplinary, multimodality but minimalist TAVR study. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 450-458	2.7	13
357	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	15.1	40
356	Reply: Redo-TAVR May Not Always Be an Option. *Journal of the American College of Cardiology*, **2020**, 76, 1004-1005	15.1	1

355	1-Year Outcomes for Transcatheter Repair in Patients With Mitral Regurgitation From the CLASP Study. *JACC: Cardiovascular Interventions*, **2020**, 13, 2344-2357	5	24
354	Coronary Cannulation After Transcatheter Aortic Valve Replacement: The RE-ACCESS Study. *JACC: Cardiovascular Interventions*, **2020**, 13, 2542-2555	5	36
353	Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement: An Analysis of the PARTNER 2 Trial and Registry. *Circulation: Cardiovascular Interventions*, **2020**, 13, e008792	6	7
352	Transcatheter Treatment of Residual Significant Mitral Regurgitation Following TAVR: A´Multicenter Registry. *JACC: Cardiovascular Interventions*, **2020**, 13, 2782-2791	5	13
351	Annular versus supra-annular sizing for transcatheter aortic valve replacement in bicuspid aortic valve disease. *Journal of Cardiovascular Computed Tomography*, **2020**, 14, 407-413	2.8	9
350	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. *JACC: Cardiovascular Interventions*, **2020**, 13, 2528-2538	5	21
349	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. *JACC: Cardiovascular Interventions*, **2020**, 13, 1999-2009	5	18
348	Transcatheter Aortic Valve Replacement for Residual Lesion of the Aortic Valve Following "Healed" Infective Endocarditis. *JACC: Cardiovascular Interventions*, **2020**, 13, 1983-1996	5	4
347	Fracture of small Mitroflow aortic bioprosthesis following valve-in-valve transcatheter aortic valve replacement with ACURATE neo valve-From bench testing to clinical practice. *Catheterization and Cardiovascular Interventions*, **2020**, 95, E120-E122	2.7	3
346	Transcatheter aortic valve-in-valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. *Catheterization and Cardiovascular Interventions*, **2020**, 95, 45-53	2.7	2
345	Performance of the TRUE dilatation balloon valvuloplasty catheter beyond rated burst pressure: A bench study. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E187-E195	2.7	6
344	Implications of hydrodynamic testing to guide sizing of self-expanding transcatheter heart valves for valve-in-valve procedures. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E332-E340	2.7	2
343	Inter- and intrasite variability of mortality and stroke for sites performing both surgical and transcatheter aortic valve replacement for aortic valve stenosis in intermediate-risk patients. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1233-1244.e4	1.5	6
342	Precautions and Procedures for Coronary and Structural Cardiac Interventions During the COVID-19 Pandemic: Guidance from Canadian Association of Interventional Cardiology. *Canadian Journal of Cardiology*, **2020**, 36, 780-783	3.8	45
341	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs: An Ex´Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 65-75	5	16
340	Current Generation Balloon-Expandable Transcatheter Valve Positioning Strategies During Aortic Valve-in-Valve Procedures and Clinical Outcomes. *JACC: Cardiovascular Interventions*, **2019**, 12, 1606-1617	5	5
339	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	15.1	31
338	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2019**, 74, 2998-3008	15.1	127

337	The Relationship Between Heart-Failure Hospitalization and Mortality in Patients Receiving Transcatheter Aortic Valve Replacement. *Canadian Journal of Cardiology*, **2019**, 35, 413-421	3.8	3
336	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses: The PARTNER 2 Registry. *Journal of the American College of Cardiology*, **2019**, 73, 2647-2655	15.1	63
335	Profiling Hospital Performance on the Basis of Readmission After Transcatheter Aortic Valve Replacement in Ontario, Canada. *Journal of the American Heart Association*, **2019**, 8, e012355	6	1
334	Impact of percutaneous closure device type on vascular and bleeding complications after TAVR: A post hoc analysis from the BRAVO-3 randomized trial. *Catheterization and Cardiovascular Interventions*, **2019**, 93, 1374-1381	2.7	16
333	Safety of Accelerated Recovery on a Cardiology Ward and Early Discharge Following Minimalist TAVR in the Catheterization Laboratory: The Vancouver Accelerated Recovery Clinical Pathway. *Structural Heart*, **2019**, 3, 229-235	0.6	3
332	Habitual Physical Activity in Older Adults Undergoing TAVR: Insights From the FRAILTY-AVR Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 781-789	5	11
331	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	9.5	54
330	Percutaneous Transcatheter Mitral Valve Replacement: First-in-Human Experience With a New Transseptal System. *Journal of the American College of Cardiology*, **2019**, 73, 1239-1246	15.1	57
329	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices: A Multicenter, Retrospective, Propensity-Matched Comparison of Evolut PRO Versus Acurate neo Transcatheter Heart Valves. *JACC: Cardiovascular Interventions*, **2019**, 12, 433-443	5	34
328	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: The 3M TAVR Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 459-469	5	98
327	Overexpansion of older generation balloon expandable transcatheter heart valves: An ex-vivo bench study. *Catheterization and Cardiovascular Interventions*, **2019**, 94, 806-811	2.7	3
326	Bioprosthetic valve fracture: Technical insights from a multicenter study. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 1317-1328.e1	1.5	43
325	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. *New England Journal of Medicine*, **2019**, 380, 1695-1705	59.2	1849
324	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. *Structural Heart*, **2019**, 3, 324-328	0.6	1
323	Association of Statin Use and Mortality After Transcatheter Aortic Valve Replacement. *Journal of the American Heart Association*, **2019**, 8, e011529	6	11
322	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	3.8	8
321	Long-Term Outcomes of the FORMA Transcatheter Tricuspid Valve Repair System for the Treatment of Severe Tricuspid Regurgitation: Insights From the First-in-Human Experience. *JACC: Cardiovascular Interventions*, **2019**, 12, 1438-1447	5	21
320	Pivotal Clinical Study to Evaluate the Safety and Effectiveness of the MANTA Percutaneous Vascular Closure Device. *Circulation: Cardiovascular Interventions*, **2019**, 12, e007258	6	46

319	Transcatheter Tricuspid Valve-in-Valve and Valve-in-Ring Implantation for Degenerated Surgical Prosthesis. *JACC: Cardiovascular Interventions*, **2019**, 12, 1403-1412	5	19
318	Assessment of Updated Society of Thoracic Surgeons Score in Historical PARTNER II Patients. *Journal of the American College of Cardiology*, **2019**, 73, 3032-3034	15.1	1
317	Transcatheter Valve Repair for Patients´With Mitral Regurgitation: 30-Day Results of the CLASP Study. *JACC: Cardiovascular Interventions*, **2019**, 12, 1369-1378	5	73
316	Prosthetic Valve Endocarditis After TAVR and SAVR: Insights From the PARTNER Trials. *Circulation*, **2019**, 140, 1984-1994	16.7	42
315	2019 Canadian Cardiovascular Society Position Statement for Transcatheter Aortic Valve Implantation. *Canadian Journal of Cardiology*, **2019**, 35, 1437-1448	3.8	36
314	Early experience with a purpose-designed temporary pacing guidewire for transcatheter valve implantation. *EuroIntervention*, **2019**, 15, e508-e509	3.1	2
313	Increasing awareness of the need to protect the coronary arteries in patients with failed surgical and transcatheter aortic valves. *EuroIntervention*, **2019**, 15, 21-23	3.1	2
312	Valve-in-Valve Implantation Using the´ACURATE Neo in Degenerated Aortic´Bioprostheses: An International Multicenter Analysis. *JACC: Cardiovascular Interventions*, **2019**, 12, 2309-2316	5	10
311	Outcomes After Current Transcatheter Tricuspid Valve Intervention: Mid-Term Results From the International TriValve Registry. *JACC: Cardiovascular Interventions*, **2019**, 12, 155-165	5	141
310	Cost-Effectiveness of Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Intermediate Risk. *Circulation*, **2019**, 139, 877-888	16.7	68
309	Transcatheter Aortic Heart Valves: Histological Analysis Providing Insight to Leaflet Thickening and Structural Valve Degeneration. *JACC: Cardiovascular Imaging*, **2019**, 12, 135-145	8.4	56
308	Association Between Wait Time for Transcatheter Aortic Valve Replacement and Early Postprocedural Outcomes. *Journal of the American Heart Association*, **2019**, 8, e010407	6	20
307	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. *European Heart Journal*, **2019**, 40, 441-451	9.5	158
306	Impact of Chronic Kidney Disease on Decision Making and Management in Transcatheter Aortic Valve Interventions. *Canadian Journal of Cardiology*, **2019**, 35, 1188-1194	3.8	5
305	Aortic valve and left ventricular outflow tract calcium volume and distribution in transcatheter aortic valve replacement: Influence on the risk of significant paravalvular regurgitation. *Journal of Cardiovascular Computed Tomography*, **2018**, 12, 290-297	2.8	18
304	Temporal Trends and Clinical Consequences of Wait Times for Transcatheter Aortic Valve Replacement: A Population-Based Study. *Circulation*, **2018**, 138, 483-493	16.7	44
303	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	15.1	189
302	The first transapical transcatheter aortic valve-in-valve implantation using the J-valve system into a failed biophysio aortic prosthesis in a patient with high risk of coronary obstruction. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1209-1214	2.7	9

301	Meta-Analysis of Studies Comparing Dual- Versus Mono-Antiplatelet Therapy Following Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2018**, 122, 141-148	3	6
300	Association of Depression With Mortality in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement. *JAMA Cardiology*, **2018**, 3, 191-197	16.2	19
299	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. *Heart*, **2018**, 104, 828-834	5.1	39
298	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. *Circulation*, **2018**, 137, 388-399	16.7	194
297	Sex-Specific Outcomes of Transcatheter´Aortic Valve Replacement With the SAPIEN 3 Valve: Insights From the PARTNER II S3 High-Risk and Intermediate-Risk Cohorts. *JACC: Cardiovascular Interventions*, **2018**, 11, 13-20	5	25
296	Combined Transapical Valve-in-Valve/Valve-in-Ring Transcatheter Mitral Valve Implantation and Paravalvular Leak Closure for Failed Mitral Valve Surgery. *Canadian Journal of Cardiology*, **2018**, 34, 1088.e3-1088.e6	3.8	2
295	Delayed Coronary Obstruction After Transcatheter Aortic Valve Replacement. *Journal of the American College of Cardiology*, **2018**, 71, 1513-1524	15.1	102
294	First transcatheter valve-in-valve implantation in an apicoaortic conduit. *Catheterization and Cardiovascular Interventions*, **2018**, 91, E86-E89	2.7	
293	Avoidance of urinary catheterization to minimize in-hospital complications after transcatheter aortic valve implantation: An observational study. *European Journal of Cardiovascular Nursing*, **2018**, 17, 66-74	3.3	6
292	Early leaflet thrombosis complicating transcatheter implantation of a Sapien 3 valve in a native right ventricular outflow tract. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 925-929	2.7	2
291	Evolution of Procedural and Clinical Outcomes After Balloon-Expanding Transcatheter Aortic Valve Implantation In Canada (from the Early Canadian Experience and SOURCE XT Registries). *American Journal of Cardiology*, **2018**, 122, 461-467	3	1
290	Impact of Resting Heart Rate at 30 Days Following Transcatheter or Surgical Aortic Valve Replacement and Cardiovascular Outcomes: Insights from The PARTNER 2 Trial. *Structural Heart*, **2018**, 2, 441-447	0.6	
289	Arrhythmic Burden as Determined by Ambulatory Continuous Cardiac Monitoring in Patients With New-Onset Persistent Left Bundle Branch Block Following Transcatheter Aortic Valve´Replacement: The MARE Study. *JACC: Cardiovascular Interventions*, **2018**, 11, 1495-1505	5	64
288	The Effect of Post-Dilatation on Outcomes in the PARTNER 2 SAPIEN 3´Registry. *JACC: Cardiovascular Interventions*, **2018**, 11, 1710-1718	5	10
287	Mortality prediction after transcatheter treatment of failed bioprosthetic aortic valves utilizing various international scoring systems: Insights from the Valve-in-Valve International Data (VIVID). *Catheterization and Cardiovascular Interventions*, **2018**, 92, 1163-1170	2.7	5
286	Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Degenerated Surgical Aortic Bioprosthesis: Insights´From´the´PARTNER 2 Aortic Valve-in-Valve Registry. *JACC: Cardiovascular Interventions*, **2018**, 11, 1154-1160	5	5
285	Novel strategies in aortic valve-in-valve therapy including bioprosthetic valve fracture and BASILICA. *EuroIntervention*, **2018**, 14, AB74-AB82	3.1	30
284	The Transcatheter Aortic Valve Implantation (TAVI) Quality Report: A Call to Arms for Improving Quality in Canada. *Canadian Journal of Cardiology*, **2018**, 34, 330-332	3.8	11

283	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	9.5	158
282	Aortic Valve-in-Valve in Externally Mounted Bioprosthesis: A Safe Treatment Option for Bioprosthetic Structural Valve Dysfunction. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2018**, 13, 171-176	1.5	4
281	Aortic Valve-in-Valve in Externally Mounted Bioprosthesis. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, **2018**, 13, 171-176	1.5	2
280	Transcatheter valve-in-valve implantation for degenerated surgical bioprostheses. *Journal of Thoracic Disease*, **2018**, 10, S3573-S3577	2.6	8
279	Stroke After Surgical Versus Transfemoral Transcatheter Aortic Valve Replacement in the PARTNER Trial. *Journal of the American College of Cardiology*, **2018**, 72, 2415-2426	15.1	29
278	Outcomes after Transcatheter and Surgical Aortic Valve Replacement in Intermediate Risk Patients with Preoperative Mitral Regurgitation: Analysis of PARTNER II Randomized Cohort. *Structural Heart*, **2018**, 2, 336-343	0.6	4
277	Impact of Preexisting Left Bundle Branch Block in Transcatheter Aortic Valve Replacement Recipients. *Circulation: Cardiovascular Interventions*, **2018**, 11, e006927	6	15
276	Profiling Hospital Performance Based on Mortality After Transcatheter Aortic Valve Replacement in Ontario, Canada. *Circulation: Cardiovascular Quality and Outcomes*, **2018**, 11, e004947	5.8	1
275	Transcatheter Mitral Valve Replacement in Patients With Previous Aortic Valve Replacement. *Circulation: Cardiovascular Interventions*, **2018**, 11, e006412	6	12
274	Transcatheter Tricuspid Valve-in-Valve Replacement With Subsequent Bioprosthetic Valve Fracture to Optimize Hemodynamic Function. *JACC: Cardiovascular Interventions*, **2018**, 11, 2226-2227	5	6
273	Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Prior Cardiac Surgery in the Randomized PARTNER 2A Trial. *JACC: Cardiovascular Interventions*, **2018**, 11, 2207-2216	5	8
272	Interaction Between Frailty and Access Site in Older Adults Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2018**, 11, 2185-2192	5	8
271	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve: An Ex Vivo Bench Study. *JACC: Cardiovascular Interventions*, **2018**, 11, 1696-1705	5	26
270	The Learning Curve and Annual Procedure Volume Standards for Optimum Outcomes of Transcatheter Aortic Valve Replacement: Findings From an International Registry. *JACC: Cardiovascular Interventions*, **2018**, 11, 1669-1679	5	43
269	Early Versus Standard Discharge After Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis. *JACC: Cardiovascular Interventions*, **2018**, 11, 1759-1771	5	44
268	Implications of Transcatheter Heart Valve Selection on Early and Late Pacemaker Rate and on Length of Stay. *Canadian Journal of Cardiology*, **2018**, 34, 1165-1173	3.8	8
267	Malnutrition and Mortality in Frail and Non-Frail Older Adults Undergoing Aortic Valve Replacement. *Circulation*, **2018**, 138, 2202-2211	16.7	43
266	Impact of Aortic Root Anatomy and Geometry on Paravalvular Leak in Transcatheter Aortic Valve Replacement With Extremely Large Annuli Using the Edwards SAPIEN 3 Valve. *JACC: Cardiovascular Interventions*, **2018**, 11, 1377-1387	5	18

265	Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation: Concept of the Neo-LVOT. *JACC: Cardiovascular Imaging*, **2017**, 10, 482-485	8.4	155
264	Trials Testing the Value of Imaging Use in Valve Disease and in Transcatheter Valvular Interventions. *JACC: Cardiovascular Imaging*, **2017**, 10, 286-295	8.4	4
263	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis: Insights From the Valve-in-Valve International Data Registry (VIVID). *Circulation: Cardiovascular Interventions*, **2017**, 10,	6	20
262	Computed Tomography-Based Oversizing Degrees and Incidence of Paravalvular Regurgitation of a New Generation Transcatheter Heart Valve. *JACC: Cardiovascular Interventions*, **2017**, 10, 810-820	5	40
261	Left ventricular access point determination for a coaxial approach to the mitral annular landing zone in transcatheter mitral valve replacement. *Journal of Cardiovascular Computed Tomography*, **2017**, 11, 281-287	2.8	19
260	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses: PARTNER 2 Valve-in-Valve Registry. *Journal of the American College of Cardiology*, **2017**, 69, 2253-2262	15.1	207
259	Aspirin Versus Aspirin Plus Clopidogrel as Antithrombotic Treatment Following Transcatheter Aortic Valve Replacement With a Balloon-Expandable Valve: The ARTE (Aspirin Versus Aspirin + Clopidogrel Following Transcatheter Aortic Valve Implantation) Randomized Clinical Trial. *JACC: Cardiovascular Interventions*, **2017**, 10, 1357-1365	5	180
258	Effect of valve design and anticoagulation strategy on 30-day clinical outcomes in transcatheter aortic valve replacement: Results from the BRAVO 3 randomized trial. *Catheterization and Cardiovascular Interventions*, **2017**, 90, 1016-1026	2.7	3
257	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. *Journal of the American College of Cardiology*, **2017**, 69, 2579-2589	15.1	240
256	Structural Heart Disease Intervention: The Canadian Landscape. *Canadian Journal of Cardiology*, **2017**, 33, 1197-1200	3.8	5
255	Longitudinal Hemodynamics of Transcatheter and Surgical Aortic Valves in the PARTNER Trial. *JAMA Cardiology*, **2017**, 2, 1197-1206	16.2	54
254	The International Multicenter TriValve Registry: Which Patients Are Undergoing Transcatheter Tricuspid Repair?. *JACC: Cardiovascular Interventions*, **2017**, 10, 1982-1990	5	120
253	Transcatheter Aortic Valve Replacement for Failed Surgical Bioprostheses: Insights from the PARTNER II Valve-in-Valve Registry on Utilizing Baseline Computed-Tomographic Assessment. *Structural Heart*, **2017**, 1, 34-39	0.6	2
252	Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2017**, 10, 1564-1574	5	53
251	CT-Defined Prosthesis-Patient Mismatch Downgrades Frequency and Severity, and Demonstrates No Association With Adverse Outcomes After Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2017**, 10, 1578-1587	5	24
250	Institutional experience and outcomes of transcatheter aortic valve replacement: Results from an international multicentre registry. *International Journal of Cardiology*, **2017**, 245, 222-227	3.2	4
249	Transcatheter Therapy for Mitral Regurgitation Clinical Challenges and Potential Solutions. *Circulation*, **2017**, 136, 404-417	16.7	34
248	Transcatheter aortic valve replacement with new-generation devices: A systematic review and meta-analysis. *International Journal of Cardiology*, **2017**, 245, 83-89	3.2	81

247	Adult Congenital Heart Disease Intervention: The Canadian Landscape. *Canadian Journal of Cardiology*, **2017**, 33, 1201-1205	3.8	3
246	Staging classification of aortic stenosis based on the extent of cardiac damage. *European Heart Journal*, **2017**, 38, 3351-3358	9.5	140
245	Transcatheter Tricuspid Valve Repair With´a New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation: 1-Year Clinical and Echocardiographic Results. *JACC: Cardiovascular Interventions*, **2017**, 10, 1994-2003	5	71
244	Clinical Outcomes With a Repositionable Self-Expanding Transcatheter Aortic´Valve´Prosthesis: The International FORWARD Study. *Journal of the American College of Cardiology*, **2017**, 70, 845-853	15.1	101
243	Compassionate use of the PASCAL transcatheter mitral valve repair system for patients with severe mitral regurgitation: a multicentre, prospective, observational, first-in-man study. *Lancet, The*, **2017** , 390, 773-780	40	136
242	Frailty in Older Adults Undergoing Aortic´Valve Replacement: The FRAILTY-AVR Study. *Journal of the American College of Cardiology*, **2017**, 70, 689-700	15.1	364
241	Upper gastrointestinal bleeding following transcatheter aortic valve replacement: A retrospective analysis. *Catheterization and Cardiovascular Interventions*, **2017**, 90, E53-E61	2.7	8
240	A Novel Valvuloplasty Scoring Balloon Catheter for Aortic Stenosis. *Structural Heart*, **2017**, 1, 285-290	0.6	0
239	Transcatheter aortic valve replacement with the Portico valve: one-year results of the early Canadian experience. *EuroIntervention*, **2017**, 12, 1653-1659	3.1	18
238	Dynamism of the aortic annulus: Effect of diastolic versus systolic CT annular measurements on device selection in transcatheter aortic valve replacement (TAVR). *Journal of Cardiovascular Computed Tomography*, **2016**, 10, 37-43	2.8	46
237	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. *JAMA - Journal of the American Medical Association*, **2016**, 316, 1083-92	37.4	160
236	One-Year Clinical Outcomes With SAPIEN 3 Transcatheter Aortic Valve Replacement in High-Risk and Inoperable Patients With Severe Aortic Stenosis. *Circulation*, **2016**, 134, 130-40	16.7	136
235	Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. *Circulation: Cardiovascular Imaging*, **2016**, 9,	3.9	30
234	Transcatheter Replacement of Failed Bioprosthetic Valves: Large Multicenter Assessment of the Effect of Implantation Depth on Hemodynamics After Aortic Valve-in-Valve. *Circulation: Cardiovascular Interventions*, **2016**, 9,	6	69
233	Quality of Care for Transcatheter Aortic Valve Implantation: Development of Canadian Cardiovascular Society Quality Indicators. *Canadian Journal of Cardiology*, **2016**, 32, 1038.e1-4	3.8	12
232	V□lvulas Portico y SAPIEN XT en el tratamiento de pacientes con anillo a□tico peque□: comparaci□ de resultados hemodin□micos. *Revista Espanola De Cardiologia*, **2016**, 69, 501-508	1.5	14
231	Nursing leadership of the transcatheter aortic valve implantation Heart Team: Supporting innovation, excellence, and sustainability. *Healthcare Management Forum*, **2016**, 29, 126-30	1.7	2
230	Self-expanding Portico Valve Versus Balloon-expandable SAPIEN XT Valve in Patients With Small Aortic Annuli: Comparison of Hemodynamic Performance. *Revista Espanola De Cardiologia (English Ed)*, **2016**, 69, 501-8	0.7	4

229	Transition to palliative care when transcatheter aortic valve implantation is not an option: opportunities and recommendations. *Current Opinion in Supportive and Palliative Care*, **2016**, 10, 18-23	2.6	17
228	Factors influencing the decision of older adults to be assessed for transcatheter aortic valve implantation: An exploratory study. *European Journal of Cardiovascular Nursing*, **2016**, 15, 486-494	3.3	14
227	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves: An International, Multicenter Registry Study. *Circulation*, **2016**, 133, 1582-93	16.7	128
226	Prognostic Value of Fat Mass and Skeletal Muscle Mass Determined by Computed Tomography in Patients Who Underwent Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2016**, 117, 828-33	3	53
225	Feasibility of tricuspid valve-in-valve replacement in a patient with transvalvular pacemaker. *HeartRhythm Case Reports*, **2016**, 2, 2-5	1	4
224	Evaluation of the Edwards SAPIEN 3 Transcatheter Valve For Aortic Stenosis. *Expert Review of Medical Devices*, **2016**, 13, 225-32	3.5	3
223	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse: Implications for Transcatheter Mitral Valve Implantation. *JACC: Cardiovascular Imaging*, **2016**, 9, 269-80	8.4	56
222	Surgical Versus Percutaneous Femoral Access for Delivery of Large-Bore Cardiovascular Devices (from the PARTNER Trial). *American Journal of Cardiology*, **2016**, 117, 1643-1650	3	15
221	Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement: Insights From the Placement of Aortic Transcatheter Valve (PARTNER) Trial. *Circulation: Cardiovascular Interventions*, **2016**, 9, e002766	6	55
220	Thirty-day outcomes in patients at intermediate risk for surgery from the SAPIEN 3 European approval trial. *EuroIntervention*, **2016**, 12, e235-43	3.1	32
219	In vitro evaluation of implantation depth in valve-in-valve using different transcatheter heart valves. *EuroIntervention*, **2016**, 12, 909-17	3.1	37
218	Transcatheter aortic valve implantation in bicuspid aortic valve stenosis. *EuroIntervention*, **2016**, 12, Y42-5	3.1	24
217	Mitral valve-in-valve and valve-in-ring: technical aspects and procedural outcomes. *EuroIntervention*, **2016**, 12, Y93-6	3.1	27
216	Transcatheter Mitral Valve Replacement in Native Mitral Valve Disease With Severe Mitral Annular Calcification: Results From the First Multicenter Global Registry. *JACC: Cardiovascular Interventions*, **2016**, 9, 1361-71	5	196
215	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. *JACC: Cardiovascular Imaging*, **2016**, 9, 1145-1158	8.4	124
214	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. *New England Journal of Medicine*, **2016**, 374, 1609-20	59.2	2746
213	Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis. *Lancet, The*, **2016**, 387, 2218-25	40	697
212	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, 2252-62	9.5	247

211	The transcatheter valve technology pipeline for treatment of adult valvular heart disease. *European Heart Journal*, **2016**, 37, 2226-39	9.5	51
210	Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway: Minimalist Approach, Standardized Care, and Discharge Criteria to Reduce Length of Stay. *Circulation: Cardiovascular Quality and Outcomes*, **2016**, 9, 312-21	5.8	93
209	Bicuspid Aortic Valve Stenosis: Favorable Early Outcomes With a Next-Generation Transcatheter Heart Valve in a Multicenter Study. *JACC: Cardiovascular Interventions*, **2016**, 9, 817-824	5	121
208	Clinical Outcomes and Imaging Findings in Women Undergoing TAVR. *JACC: Cardiovascular Imaging*, **2016**, 9, 483-93	8.4	21
207	Transcatheter Aortic Valve Thrombosis: Incidence, Predisposing Factors, and Clinical Implications. *Journal of the American College of Cardiology*, **2016**, 68, 2059-2069	15.1	236
206	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,	6	59
205	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	15.1	144
204	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). *Circulation: Cardiovascular Interventions*, **2016**, 9,	6	89
203	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	2.8	54
202	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, 2477-84	40	1042
201	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, 2485-91	40	549
200	Infective endocarditis after transcatheter aortic valve implantation: results from a large multicenter registry. *Circulation*, **2015**, 131, 1566-74	16.7	162
199	Mitral Annular Evaluation With CT in the Context of Transcatheter Mitral Valve Replacement. *JACC: Cardiovascular Imaging*, **2015**, 8, 612-615	8.4	85
198	Prognostic value of serial B-type natriuretic peptide measurement in transcatheter aortic valve replacement (from the PARTNER Trial). *American Journal of Cardiology*, **2015**, 115, 1265-72	3	33
197	Transcatheter aortic valve implantation in patients with bicuspid aortic valve: A patient level multi-center analysis. *International Journal of Cardiology*, **2015**, 189, 282-8	3.2	74
196	Long-term outcomes of percutaneous paravalvular regurgitation closure after transcatheter aortic valve replacement: a multicenter experience. *JACC: Cardiovascular Interventions*, **2015**, 8, 681-8	5	36
195	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: a comparison with the Sapien XT. *JACC: Cardiovascular Interventions*, **2015**, 8, 462-471	5	97
194	Coronary obstruction in transcatheter aortic valve-in-valve implantation: preprocedural evaluation, device selection, protection, and treatment. *Circulation: Cardiovascular Interventions*, **2015**, 8,	6	135

193	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. *Journal of Cardiovascular Computed Tomography*, **2015**, 9, 183-92	2.8	40
192	Treatment and clinical outcomes of transcatheter heart valve thrombosis. *Circulation: Cardiovascular Interventions*, **2015**, 8,	6	199
191	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2015**, 66, 2475-83	15.1	110
190	Multimodality Imaging in the Context of Transcatheter Mitral Valve Replacement: Establishing Consensus Among Modalities and Disciplines. *JACC: Cardiovascular Imaging*, **2015**, 8, 1191-1208	8.4	120
189	Appropriate patient selection or health care rationing? Lessons from surgical aortic valve replacement in the Placement of Aortic Transcatheter Valves I trial. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 557-68.e11	1.5	7
188	Risk stratification in patients with pulmonary hypertension undergoing transcatheter aortic valve replacement. *Heart*, **2015**, 101, 1656-64	5.1	22
187	Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. *European Heart Journal*, **2015**, 36, 3370-9	9.5	97
186	Revisiting Sex Equality With Transcatheter Aortic Valve Replacement Outcomes: A Collaborative, Patient-Level Meta-Analysis of 11,310 Patients. *Journal of the American College of Cardiology*, **2015**, 66, 221-228	15.1	119
185	A Strategy of Underexpansion and Ad Hoc Post-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients at Risk of Annular Injury: Favorable Mid-Term Outcomes. *JACC: Cardiovascular Interventions*, **2015**, 8, 1727-32	5	15
184	Neurologic impact of using embol-x intraaortic filter. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 1675	1.5	3
183	Transcatheter aortic valve-in-valve implantation for patients with degenerative surgical bioprosthetic valves. *Circulation Journal*, **2015**, 79, 695-703	2.9	35
182	Prevalence and impact of preoperative moderate/severe tricuspid regurgitation on patients undergoing transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2015**, 85, 677-84	2.7	63
181	The future of transcatheter mitral valve interventions: competitive or complementary role of repair vs. replacement?. *European Heart Journal*, **2015**, 36, 1651-9	9.5	133
180	Echocardiographic imaging of procedural complications during balloon-expandable transcatheter aortic valve replacement. *JACC: Cardiovascular Imaging*, **2015**, 8, 288-318	8.4	41
179	Early aortic transcatheter heart valve thrombosis: diagnostic value of contrast-enhanced multidetector computed tomography. *Circulation: Cardiovascular Interventions*, **2015**, 8,	6	141
178	Clinical impact and evolution of mitral regurgitation following transcatheter aortic valve replacement: a meta-analysis. *Heart*, **2015**, 101, 1395-405	5.1	78
177	Bivalirudin Versus Heparin Anticoagulation in Transcatheter Aortic Valve Replacement: The Randomized BRAVO-3 Trial. *Journal of the American College of Cardiology*, **2015**, 66, 2860-2868	15.1	88
176	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves: An 8-Year Single-Center Experience. *JACC: Cardiovascular Interventions*, **2015**, 8, 1735-44	5	112

175	A Randomized Evaluation of the SAPIEN XT Transcatheter Heart Valve System in Patients With Aortic Stenosis Who Are Not Candidates for Surgery. *JACC: Cardiovascular Interventions*, **2015**, 8, 1797-806	5	74
174	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2015**, 8, 1944-1951	5	13
173	Cardiopulmonary bypass and intra-aortic balloon pump use is associated with higher short and long term mortality after transcatheter aortic valve replacement: a PARTNER trial substudy. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 316-22	2.7	20
172	Late cardiac death in patients undergoing transcatheter aortic valve replacement: incidence and predictors of advanced heart failure and sudden cardiac death. *Journal of the American College of Cardiology*, **2015**, 65, 437-48	15.1	143
171	Outcomes of inoperable symptomatic aortic stenosis patients not undergoing aortic valve replacement: insight into the impact of balloon aortic valvuloplasty from the PARTNER trial (Placement of AoRtic TraNscathetER Valve trial). *JACC: Cardiovascular Interventions*, **2015**, 8, 324-333	5	42
170	Predictors and clinical outcomes of permanent pacemaker implantation after transcatheter aortic valve replacement: the PARTNER (Placement of AoRtic TraNscathetER Valves) trial and registry. *JACC: Cardiovascular Interventions*, **2015**, 8, 60-9	5	334
169	Effect of gender after transcatheter aortic valve implantation: a meta-analysis. *Annals of Thoracic Surgery*, **2015**, 99, 809-16	2.7	50
168	Transcatheter aortic valve-in-valve implantation for patients with degenerative surgical bioprosthetic valves. *Current Problems in Cardiology*, **2014**, 39, 7-27	17.1	47
167	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). *Journal of the American College of Cardiology*, **2014**, 63, 269-79	15.1	75
166	Short-term results of transapical transcatheter mitral valve implantation for mitral regurgitation. *Journal of the American College of Cardiology*, **2014**, 64, 1814-9	15.1	123
165	Blood loss and transfusion rates associated with transcatheter aortic valve replacement: recommendations for patients who refuse blood transfusion. *Catheterization and Cardiovascular Interventions*, **2014**, 83, E221-6	2.7	13
164	Incidence and sequelae of prosthesis-patient mismatch in transcatheter versus surgical valve replacement in high-risk patients with severe aortic stenosis: a PARTNER trial cohort--a analysis. *Journal of the American College of Cardiology*, **2014**, 64, 1323-34	15.1	224
163	Comparison of hemodynamic performance of the balloon-expandable SAPIEN 3 versus SAPIEN XT transcatheter valve. *American Journal of Cardiology*, **2014**, 114, 1075-82	3	72
162	Performance of transcatheter aortic valve implantation in patients with bicuspid aortic valve: systematic review. *International Journal of Cardiology*, **2014**, 176, 562-4	3.2	21
161	Clinical impact of aortic regurgitation´after transcatheter aortic´valve replacement: insights into the degree and acuteness of presentation. *JACC: Cardiovascular Interventions*, **2014**, 7, 1022-32	5	70
160	Comprehensive analysis of mortality among patients undergoing TAVR: results of the PARTNER trial. *Journal of the American College of Cardiology*, **2014**, 64, 158-68	15.1	58
159	Outcomes with post-dilation following transcatheter aortic valve replacement: the PARTNER I trial (placement of aortic transcatheter valve). *JACC: Cardiovascular Interventions*, **2014**, 7, 781-9	5	73
158	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. *European Heart Journal*, **2014**, 35, 2639-54	9.5	76

157	Advanced chronic kidney disease in patients undergoing transcatheter aortic valve implantation: insights on clinical outcomes and prognostic markers from a large cohort of patients. *European Heart Journal*, **2014**, 35, 2685-96	9.5	92
156	Impact of new-onset persistent left bundle branch block on late clinical outcomes in patients undergoing transcatheter aortic valve implantation with a balloon-expandable valve. *JACC: Cardiovascular Interventions*, **2014**, 7, 128-136	5	114
155	Reply: reply: precise location of ideal common femoral artery puncture site. *JACC: Cardiovascular Interventions*, **2014**, 7, 229-230	5	
154	Embolic capture with updated intra-aortic filter during coronary artery bypass grafting and transaortic transcatheter aortic valve implantation: first-in-human experience. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 2905-10	1.5	14
153	Surgical risk algorithm as a measure of successful adoption of transapical transcatheter aortic valve implantation. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 1524-8	1.5	4
152	Transcatheter versus surgical aortic valve replacement in patients with prior coronary artery bypass graft operation: a PARTNER trial subgroup analysis. *Annals of Thoracic Surgery*, **2014**, 98, 1-7; discussion 7-8	2.7	30
151	Oversizing in transcatheter aortic valve replacement, a commonly used term but a poorly understood one: dependency on definition and geometrical measurements. *Journal of Cardiovascular Computed Tomography*, **2014**, 8, 67-76	2.8	56
150	Cerebral events and protection during transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 885-96	2.7	27
149	Transcatheter aortic valve replacement program development: recommendations for best practice. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 859-67	2.7	25
148	Incidence, predictors, and prognostic impact of late bleeding complications after transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2014**, 64, 2605-2615	15.1	145
147	Feasibility and exploratory efficacy evaluation of the Embrella Embolic Deflector system for the prevention of cerebral emboli in patients undergoing transcatheter aortic valve replacement: the PROTAVI-C pilot study. *JACC: Cardiovascular Interventions*, **2014**, 7, 1146-55	5	98
146	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. *Journal of Cardiovascular Computed Tomography*, **2014**, 8, 459-67	2.8	88
145	Multicenter evaluation of a next-generation balloon-expandable transcatheter aortic valve. *Journal of the American College of Cardiology*, **2014**, 64, 2235-43	15.1	260
144	Risk stratification and clinical pathways to optimize length of stay after transcatheter aortic valve replacement. *Canadian Journal of Cardiology*, **2014**, 30, 1583-7	3.8	30
143	Transcatheter aortic valve replacement in bicuspid aortic valve disease. *Journal of the American College of Cardiology*, **2014**, 64, 2330-9	15.1	228
142	Transcatheter aortic valve implantation in failed bioprosthetic surgical valves. *JAMA - Journal of the American Medical Association*, **2014**, 312, 162-70	27.4	568
141	Integrating a palliative approach in a transcatheter heart valve program: bridging innovations in the management of severe aortic stenosis and best end-of-life practice. *European Journal of Cardiovascular Nursing*, **2014**, 13, 177-84	3.3	22
140	Long-term outcomes of inoperable patients with aortic stenosis randomly assigned to transcatheter aortic valve replacement or standard therapy. *Circulation*, **2014**, 130, 1483-92	16.7	125

139	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. *European Heart Journal*, **2014**, 35, 2627-38	9.5	71
138	Stratification of outcomes after transcatheter aortic´valve replacement according to surgical inoperability for technical versus clinical reasons. *Journal of the American College of Cardiology*, **2014**, 63, 901-11	15.1	46
137	Underexpansion and ad hoc post-dilation in selected patients undergoing balloon-expandable transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2014**, 63, 976-81	15.1	46
136	Transcatheter Aortic Valve Replacement: An Interventionist View **2014**, 39-52		
135	Management of vascular access in transcatheter aortic valve replacement: part 1: basic anatomy, imaging, sheaths, wires, and access routes. *JACC: Cardiovascular Interventions*, **2013**, 6, 643-53	5	94
134	5-year outcome after transcatheter aortic valve implantation. *Journal of the American College of Cardiology*, **2013**, 61, 413-419	15.1	241
133	The impact of integration of a multidetector computed tomography annulus area sizing algorithm on outcomes of transcatheter aortic valve replacement: a prospective, multicenter, controlled trial. *Journal of the American College of Cardiology*, **2013**, 62, 431-8	15.1	274
132	Percutaneous Implantation of Aortic Valvular Prostheses **2013**, 487-500		
131	Management of vascular access in transcatheter aortic valve replacement: part 2: Vascular complications. *JACC: Cardiovascular Interventions*, **2013**, 6, 767-76	5	89
130	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 6-23	1.5	647
129	Patient selection for transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2013**, 62, S1-10	15.1	14
128	Impact of post-implant SAPIEN XT geometry and position on conduction disturbances, hemodynamic performance, and paravalvular regurgitation. *JACC: Cardiovascular Interventions*, **2013**, 6, 462-8	5	82
127	Transapical transcatheter aortic valve-in-valve implantation: clinical and hemodynamic outcomes beyond 2 years. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 1554-62	1.5	16
126	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). *Journal of the American College of Cardiology*, **2013**, 62, 118-30	15.1	116
125	Impact of low flow on the outcome of high-risk patients undergoing transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2013**, 62, 782-8	15.1	124
124	Percutaneous left atrial appendage closure with the AMPLATZER cardiac plug device in patients with nonvalvular atrial fibrillation and contraindications to anticoagulation therapy. *Journal of the American College of Cardiology*, **2013**, 62, 96-102	15.1	204
123	5-year experience with transcatheter transapical mitral valve-in-valve implantation for bioprosthetic valve dysfunction. *Journal of the American College of Cardiology*, **2013**, 61, 1759-66	15.1	200
122	Transcatheter aortic valve replacement with a new self-expanding transcatheter heart valve and motorized delivery system. *JACC: Cardiovascular Interventions*, **2013**, 6, 301-7	5	36

121	Transcatheter aortic valve replacement with the SAPIEN 3: a new balloon-expandable transcatheter heart valve. *JACC: Cardiovascular Interventions*, **2013**, 6, 293-300	5	178
120	Percutaneous mitral and aortic paravalvular leak repair: indications, current application, and future directions. *Current Cardiology Reports*, **2013**, 15, 342	4.2	28
119	Aortic valve and ascending aorta guidelines for management and quality measures. *Annals of Thoracic Surgery*, **2013**, 95, S1-66	2.7	146
118	Transcatheter aortic valve replacement for bioprosthetic aortic valve failure: the valve-in-valve procedure. *Circulation*, **2013**, 127, 2542-50	16.7	81
117	Implementation of processes of care to support transcatheter aortic valve replacement programs. *European Journal of Cardiovascular Nursing*, **2013**, 12, 33-8	3.3	16
116	Anatomical and procedural features associated with aortic root rupture during balloon-expandable transcatheter aortic valve replacement. *Circulation*, **2013**, 128, 244-53	16.7	354
115	First-in-human valve-in-valve implantation of a 20 mm balloon expandable transcatheter heart valve. *Catheterization and Cardiovascular Interventions*, **2013**, 82, E929-31	2.7	6
114	First-in-man transfemoral transcatheter aortic valve replacement with the 29 mm Edwards SAPIEN XT valve. *Catheterization and Cardiovascular Interventions*, **2013**, 82, 664-70	2.7	6
113	The Helio transcatheter aortic dock for patients with aortic regurgitation. *EuroIntervention*, **2013**, 9 Suppl, S91-4	3.1	22
112	Transcatheter (TAVR) versus surgical (AVR) aortic valve replacement: occurrence, hazard, risk factors, and consequences of neurologic events in the PARTNER trial. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 143, 832-843.e13	1.5	244
111	Two-year outcomes after transcatheter or surgical aortic-valve replacement. *New England Journal of Medicine*, **2012**, 366, 1686-95	59.2	1737
110	Transcatheter aortic-valve replacement for inoperable severe aortic stenosis. *New England Journal of Medicine*, **2012**, 366, 1696-704	59.2	958
109	Transcatheter aortic valve implantation: 10-year anniversary part II: clinical implications. *European Heart Journal*, **2012**, 33, 2399-402	9.5	41
108	Transcatheter aortic valve implantation 10-year anniversary: review of current evidence and clinical implications. *European Heart Journal*, **2012**, 33, 2388-98	9.5	109
107	Transcatheter aortic valve implantation: a Canadian Cardiovascular Society position statement. *Canadian Journal of Cardiology*, **2012**, 28, 520-8	3.8	121
106	Transcatheter aortic valve implantation: the evolution of prostheses, delivery systems and approaches. *Archives of Cardiovascular Diseases*, **2012**, 105, 153-9	2.7	19
105	Percutaneous aortic valve replacement: vascular outcomes with a fully percutaneous procedure. *Journal of the American College of Cardiology*, **2012**, 59, 113-8	15.1	241
104	3-dimensional aortic annular assessment by multidetector computed tomography predicts moderate or severe paravalvular regurgitation after transcatheter aortic valve replacement: a multicenter retrospective analysis. *Journal of the American College of Cardiology*, **2012**, 59, 1287-94	15.1	338

103	Transcatheter aortic valve replacement: outcomes of patients with moderate or severe mitral regurgitation. *Journal of the American College of Cardiology*, **2012**, 59, 2068-74	15.1	133
102	Transcatheter aortic valve replacement with the St. Jude Medical Portico valve: first-in-human experience. *Journal of the American College of Cardiology*, **2012**, 60, 581-6	15.1	103
101	Vascular complications after transcatheter aortic valve replacement: insights from the PARTNER (Placement of AoRTic TraNscathetER Valve) trial. *Journal of the American College of Cardiology*, **2012**, 60, 1043-52	15.1	363
100	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. *Journal of the American College of Cardiology*, **2012**, 60, 1438-54	15.1	1306
99	Need for permanent pacemaker as a complication of transcatheter aortic valve implantation and surgical aortic valve replacement in elderly patients with severe aortic stenosis and similar baseline electrocardiographic findings. *JACC: Cardiovascular Interventions*, **2012**, 5, 540-551	5	109
98	Structural integrity of balloon-expandable stents after transcatheter aortic valve replacement: assessment by multidetector computed tomography. *JACC: Cardiovascular Interventions*, **2012**, 5, 525-532	5	56
97	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. *JACC: Cardiovascular Interventions*, **2012**, 5, 571-577	5	53
96	Pathology of transcatheter valve therapy. *JACC: Cardiovascular Interventions*, **2012**, 5, 582-590	5	43
95	Current status of transcatheter aortic valve replacement. *Journal of the American College of Cardiology*, **2012**, 60, 483-92	15.1	151
94	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. *European Heart Journal*, **2012**, 33, 2403-18	9.5	706
93	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, S45-60	3	554
92	TAVI: from home-made prosthesis to global interventional phenomenon. *Heart*, **2012**, 98 Suppl 4, iv30-6	5.1	14
91	Prediction of optimal deployment projection for transcatheter aortic valve replacement: angiographic 3-dimensional reconstruction of the aortic root versus multidetector computed tomography. *Circulation: Cardiovascular Interventions*, **2012**, 5, 247-52	6	87
90	Timing, predictive factors, and prognostic value of cerebrovascular events in a large cohort of patients undergoing transcatheter aortic valve implantation. *Circulation*, **2012**, 126, 3041-53	16.7	287
89	Edwards SAPIEN and Edwards SAPIEN XT transcatheter heart valves for the treatment of severe aortic stenosis. *Expert Review of Medical Devices*, **2012**, 9, 563-9	3.5	4
88	Transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: results from the global valve-in-valve registry. *Circulation*, **2012**, 126, 2335-44	16.7	412
87	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. *EuroIntervention*, **2012**, 8, 782-95	3.1	149
86	Edwards SAPIEN 3 valve. *EuroIntervention*, **2012**, 8 Suppl Q, Q83-7	3.1	34

85	Challenges in transcatheter aortic valve implantation. *Swiss Medical Weekly*, **2012**, 142, w13735	3.1	18
84	Percutaneous Therapies for Structural Heart Disease in Adults **2012**, 1301-1308		2
83	Cerebral embolism following transcatheter aortic valve implantation: comparison of transfemoral and transapical approaches. *Journal of the American College of Cardiology*, **2011**, 57, 18-28	15.1	236
82	Standardized endpoint definitions for Transcatheter Aortic Valve Implantation clinical trials: a consensus report from the Valve Academic Research Consortium. *Journal of the American College of Cardiology*, **2011**, 57, 253-69	15.1	662
81	Transcatheter valve-in-valve implantation for failed surgical bioprosthetic valves. *Journal of the American College of Cardiology*, **2011**, 58, 2196-209	15.1	144
80	Aortic annulus diameter determination by multidetector computed tomography: reproducibility, applicability, and implications for transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2011**, 4, 1235-45	5	162
79	A high-risk period for cerebrovascular events exists after transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2011**, 4, 1290-7	5	119
78	Multidetector computed tomography in transcatheter aortic valve implantation. *JACC: Cardiovascular Imaging*, **2011**, 4, 416-29	8.4	226
77	A percutaneous aortic device for cerebral embolic protection during cardiovascular intervention. *Journal of Vascular Surgery*, **2011**, 54, 174-181.e1	3.5	25
76	Transfemoral aortic valve replacement with the SAPIEN XT valve: step-by-step. *Seminars in Thoracic and Cardiovascular Surgery*, **2011**, 23, 51-4	1.7	24
75	Transcatheter transapical mitral valve-in-valve implantations for a failed bioprosthesis: a case series. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 141, 711-5	1.5	100
74	Transcatheter treatment approaches for aortic valve disease. *International Journal of Cardiovascular Imaging*, **2011**, 27, 1123-32	2.5	9
73	Coronary obstruction following transcatheter aortic valve-in-valve implantation for failed surgical bioprostheses. *Catheterization and Cardiovascular Interventions*, **2011**, 77, 439-44	2.7	96
72	Transcatheter aortic valve implantation: lessons from the learning curve of the first 270 high-risk patients. *Catheterization and Cardiovascular Interventions*, **2011**, 78, 977-84	2.7	125
71	Transcatheter versus surgical aortic-valve replacement in high-risk patients. *New England Journal of Medicine*, **2011**, 364, 2187-98	59.2	4230
70	Standardized endpoint definitions for transcatheter aortic valve implantation clinical trials: a consensus report from the Valve Academic Research Consortium. *European Heart Journal*, **2011**, 32, 205-17	9.5	510
69	Health-related quality of life after transcatheter aortic valve replacement in inoperable patients with severe aortic stenosis. *Circulation*, **2011**, 124, 1964-72	16.7	231
68	Percutaneous transarterial aortic valve implantation: what do we know?. *European Heart Journal*, **2011**, 32, 140-7	9.5	132

67	Outcomes and complications of transcatheter aortic valve replacement using a balloon expandable valve according to the Valve Academic Research Consortium (VARC) guidelines. *EuroIntervention*, **2011**, 7, 41-8	3.1	91
66	Transcatheter valve-in-valve implantation for failed bioprosthetic heart valves. *Circulation*, **2010**, 121, 1848-57	16.7	411
65	Transcatheter aortic valve implantation for the treatment of severe symptomatic aortic stenosis in patients at very high or prohibitive surgical risk: acute and late outcomes of the multicenter Canadian experience. *Journal of the American College of Cardiology*, **2010**, 55, 1080-90	15.1	810
64	Transcatheter aortic-valve implantation for aortic stenosis in patients who cannot undergo surgery. *New England Journal of Medicine*, **2010**, 363, 1597-607	59.2	4801
63	Acute kidney injury following transcatheter aortic valve implantation: predictive factors, prognostic value, and comparison with surgical aortic valve replacement. *European Heart Journal*, **2010**, 31, 865-74	9.5	355
62	An embolic deflection device for aortic valve interventions. *JACC: Cardiovascular Interventions*, **2010** , 3, 1133-8	5	112
61	Technical considerations to avoid pitfalls during transapical aortic valve implantation. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, 196-202	1.5	81
60	Transapical transcatheter aortic valve implantation: follow-up to 3 years. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 1107-13, 1113.e1	1.5	98
59	Effect of concomitant coronary artery disease on procedural and late outcomes of transcatheter aortic valve implantation. *Annals of Thoracic Surgery*, **2010**, 89, 758-67; discussion 767	2.7	195
58	Transcatheter pulmonary valve implantation using the Edwards SAPIEN transcatheter heart valve. *Catheterization and Cardiovascular Interventions*, **2010**, 75, 286-94	2.7	87
57	Current balloon-expandable transcatheter heart valve and delivery systems. *Catheterization and Cardiovascular Interventions*, **2010**, 75, 295-300	2.7	36
56	Impact of coronary artery disease on outcomes after transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2010**, 76, 165-73	2.7	118
55	Interventional fellowship in structural and congenital heart disease for adults. *Catheterization and Cardiovascular Interventions*, **2010**, 76, E90-105	2.7	8
54	Transcatheter closure of paravalvular defects using a purpose-specific occluder. *JACC: Cardiovascular Interventions*, **2010**, 3, 759-65	5	95
53	Transcatheter aortic valve implantation in patients with bicuspid aortic valve stenosis. *JACC: Cardiovascular Interventions*, **2010**, 3, 1122-5	5	142
52	Multislice computed tomography for prediction of optimal angiographic deployment projections during transcatheter aortic valve implantation. *JACC: Cardiovascular Interventions*, **2010**, 3, 1157-65	5	129
51	The evolving role of MDCT in transcatheter aortic valve replacement: a radiologists' perspective. *American Journal of Roentgenology*, **2009**, 193, W214-9	5.4	45
50	Transcatheter aortic valve implantation: impact on clinical and valve-related outcomes. *Circulation*, **2009**, 119, 3009-16	16.7	464

49	Transapical transcatheter aortic valve implantation: 1-year outcome in 26 patients. *Journal of Thoracic and Cardiovascular Surgery*, **2009**, 137, 167-73	1.5	85
48	Role of multislice computed tomography in transcatheter aortic valve replacement. *American Journal of Cardiology*, **2009**, 103, 1295-301	3	150
47	Endovascular balloon occlusion for catheter-induced large artery perforation in the catheterization laboratory. *Catheterization and Cardiovascular Interventions*, **2009**, 73, 514-8	2.7	11
46	Strategies in the management of coronary artery disease and transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2009**, 73, 68	2.7	8
45	Transcatheter aortic valve implantation: review of the nature, management, and avoidance of procedural complications. *JACC: Cardiovascular Interventions*, **2009**, 2, 811-20	5	322
44	Transapical transcatheter mitral valve-in-valve implantation in a human. *Annals of Thoracic Surgery*, **2009**, 87, e18-20	2.7	98
43	A new transcatheter aortic valve and percutaneous valve delivery system. *Journal of the American College of Cardiology*, **2009**, 53, 1855-8	15.1	106
42	Comparison of the hemodynamic performance of percutaneous and surgical bioprostheses for the treatment of severe aortic stenosis. *Journal of the American College of Cardiology*, **2009**, 53, 1883-91	15.1	292
41	Transcatheter valve-in-valve aortic valve implantation: 16-month follow-up. *Annals of Thoracic Surgery*, **2009**, 88, 1322-4	2.7	29
40	Noninvasive evaluation of the aortic root with multislice computed tomography implications for transcatheter aortic valve replacement. *JACC: Cardiovascular Imaging*, **2008**, 1, 321-30	8.4	387
39	Prevention and management of transcatheter balloon-expandable aortic valve malposition. *Catheterization and Cardiovascular Interventions*, **2008**, 72, 573-8	2.7	98
38	Percutaneous aortic valve replacement will become a common treatment for aortic valve disease. *JACC: Cardiovascular Interventions*, **2008**, 1, 122-6	5	32
37	Transcatheter percutaneous and transapical aortic valve replacement. *Seminars in Thoracic and Cardiovascular Surgery*, **2007**, 19, 304-10	1.7	23
36	Transcatheter valve in valve implants for failed prosthetic valves. *Catheterization and Cardiovascular Interventions*, **2007**, 70, 765-6	2.7	42
35	Six-month outcome of transapical transcatheter aortic valve implantation in the initial seven patients. *European Journal of Cardio-thoracic Surgery*, **2007**, 31, 16-21	3	119
34	Reply to Kalavrouziotis et al.. *European Journal of Cardio-thoracic Surgery*, **2007**, 32, 188-189	3	
33	Percutaneous transarterial aortic valve replacement in selected high-risk patients with aortic stenosis. *Circulation*, **2007**, 116, 755-63	16.7	831
32	Transapical aortic valve implantation in humans. *Journal of Thoracic and Cardiovascular Surgery*, **2006**, 131, 1194-6	1.5	135

31	Techniques for percutaneous closure of prosthetic paravalvular leaks. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 158-66	2.7	45
30	Percutaneous replacement of pulmonary valve using the Edwards-Cribier percutaneous heart valve: first report in a human patient. *Catheterization and Cardiovascular Interventions*, **2006**, 67, 659-62	2.7	74
29	Percutaneous closure of prosthetic paravalvular leaks: case series and review. *Catheterization and Cardiovascular Interventions*, **2006**, 68, 528-33	2.7	155
28	Rapid pacing to facilitate transcatheter prosthetic heart valve implantation. *Catheterization and Cardiovascular Interventions*, **2006**, 68, 199-204	2.7	101
27	Percutaneous aortic valve implantation retrograde from the femoral artery. *Circulation*, **2006**, 113, 842-50	16.7	745
26	Percutaneous transvenous mitral annuloplasty: initial human experience with device implantation in the coronary sinus. *Circulation*, **2006**, 113, 851-5	16.7	191
25	Transapical transcatheter aortic valve implantation in humans: initial clinical experience. *Circulation*, **2006**, 114, 591-6	16.7	488
24	Initial experience with a novel coronary rinsing and thrombectomy system: "Rinspiration". *Journal of Invasive Cardiology*, **2006**, 18, 188-92	0.7	6
23	Proximal protection during saphenous vein graft angioplasty: the Kerberos embolic protection system. *Catheterization and Cardiovascular Interventions*, **2005**, 64, 383-6	2.7	4
22	Percutaneous closure of an aortic prosthetic paravalvular leak with an Amplatzer duct occluder. *Catheterization and Cardiovascular Interventions*, **2005**, 65, 69-72	2.7	61
21	Percutaneous stent-mounted valve for treatment of aortic or pulmonary valve disease. *Catheterization and Cardiovascular Interventions*, **2004**, 63, 89-93	2.7	36
20	A randomized controlled trial of intravenous N-acetylcysteine for the prevention of contrast-induced nephropathy after cardiac catheterization: lack of effect. *American Heart Journal*, **2004**, 148, 422-9	4.9	139
19	Percutaneous closure of a complex prosthetic mitral paravalvular leak using transesophageal echocardiographic guidance. *Canadian Journal of Cardiology*, **2004**, 20, 452-5	3.8	25
18	Incidence, correlates, and outcome of cardiac arrest associated with percutaneous coronary intervention. *American Journal of Cardiology*, **2002**, 90, 1252-4	3	16
17	Facilitation of stent retention and retrieval with an emboli containment device. *Catheterization and Cardiovascular Interventions*, **2000**, 50, 215-7	2.7	7
16	Balloon entrapment during side-branch angioplasty through a stent. *Catheterization and Cardiovascular Interventions*, **1999**, 46, 202-4	2.7	11
15	An embolization containment device. *Catheterization and Cardiovascular Interventions*, **1999**, 47, 243-50	2.7	34
14	Reply to the letter to the editor by premchand et al. *Catheterization and Cardiovascular Interventions*, **1999**, 48, 240C-1A	2.7	

13	Groin complications associated with collagen plug closure of femoral arterial puncture sites in anticoagulated patients. *Catheterization and Cardiovascular Diagnosis*, **1998**, 43, 124-9		43
12	Pullback atherectomy with the Arrow-Fischell atherectomy device. *Catheterization and Cardiovascular Diagnosis*, **1997**, 42, 79-83		1
11	Multicenter clinical experience with the development of a novel short coronary stent and its prototype device. *Catheterization and Cardiovascular Diagnosis*, **1996**, 37, 120-4		2
10	Stenting for treatment of coronary vasospasm. *Catheterization and Cardiovascular Diagnosis*, **1996**, 39, 372-5		5
9	Guide wire extension may not be essential to pass an over-the-wire balloon catheter. *Catheterization and Cardiovascular Diagnosis*, **1995**, 36, 59-60; discussion 61-2		3
8	Angioplasty of large diameter coronary arteries and saphenous vein grafts utilizing modified appropriately large diameter balloon dilatation catheters. *Journal of Interventional Cardiology*, **1994**, 7, 245-50	1.8	1
7	Collagen plug hemostatic closure of femoral arterial puncture sites following implantation of intracoronary stents. *Catheterization and Cardiovascular Diagnosis*, **1993**, 30, 314-6		16
6	Surgical therapy for sinoatrial reentrant tachycardia. *PACE - Pacing and Clinical Electrophysiology*, **1988**, 11, 776-83	1.6	13
5	Valvular Heart Disease in Cardiogenic Shock149-171		
4	Percutaneous Implantation of Aortic Valve Prostheses114-125		
3	1-Year Outcomes following Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. *Structural Heart*,1-7	0.6	1
2	Integration of Virtual Technologies in a Minimalist Transcatheter Aortic Valve Replacement Clinical Care Pathway. *Structural Heart*,1-4	0.6	
1	Percutaneous Implantation of Aortic Valvular Prosthesis504-515		