

# CITATION REPORT

List of articles citing

Isolated aortic valve replacement in North America comprising 108,687 patients in 10 years: changes in risks, valve types, and outcomes in the Society of Thoracic Surgeons National Database

DOI: 10.1016/j.jtcvs.2008.08.015

Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 82-90.

Source: <https://exaly.com/paper-pdf/45852053/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
768	Cooks and recipes. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2009</b> , 36, 787-90	3	
767	Cutting precision in a novel aortic valve resection tool. Research in progress. <b>2009</b> , 9, 672-6		5
766	Trends in mitral valve surgery in the United States: results from the Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 1431-7; discussion 1437-9	2.7	383
765	In vivo tissue engineering of heart valves: evolution of a novel concept. <b>2009</b> , 4, 613-9		29
764	Anesthesia during cardiologic procedures. <b>2009</b> , 22, 519-23		2
763	Bibliography. Current world literature. Drugs in anesthesia,. <b>2009</b> , 22, 539-43		
762	How to select patients for endovascular balloon-expandable aortic bioprosthesis. <b>2010</b> , 2, 27-36		
761	Aortic stenosis in the geriatric population: current perspectives and modern treatment options. <b>2010</b> , 6, 229-242		3
760	Transcatheter aortic and mitral valve interventions: update 2010. <b>2010</b> , 2, 513-523		4
759	In-vivo-Zchtung von Herzklappengewebe. <b>2010</b> , 24, 6-13		
758	Contemporary perioperative results of isolated aortic valve replacement for aortic stenosis. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 751-6	2.7	56
757	Twenty-five year experience with the St. Jude medical mechanical valve prosthesis. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 1402-9	2.7	46
756	The effect of diabetes mellitus on in-hospital and long-term outcomes after heart valve operations. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 124-30	2.7	35
755	[Morbidity and mortality in patients aged over 75 years undergoing surgery for aortic valve replacement]. <b>2010</b> , 94, 720-5		4
754	Short- and mid-term results for aortic valve replacement in octogenarians. <b>2010</b> , 10, 549-54		32
753	Transcatheter aortic valvesâwhere do we go from here?. <b>2010</b> , 363, 1667-8		9
752	Trans-apical aortic valve implantation: univariate and multivariate analyses of the early results from the SOURCE registry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 38, 119-27	3	70

751	Transcatheter valve implantation for patients with aortic stenosis. <b>2010</b> , 96, 1849-56		8
750	Aortic Root Surgery. <b>2010</b> ,		3
749	Modified bio-Bentall procedure: 10-year experience. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 1317-21	3	22
748	Prosthetic valve selection for middle-aged patients with aortic stenosis. <b>2010</b> , 7, 711-9		33
747	Thirty-day results of the SAPIEN aortic Bioprosthesis European Outcome (SOURCE) Registry: A European registry of transcatheter aortic valve implantation using the Edwards SAPIEN valve. <b>2010</b> , 122, 62-9		680
746	The EuroSCORE - still helpful in patients undergoing isolated aortic valve replacement?. <b>2010</b> , 10, 239-44		17
745	Incidence and management of CoreValve dislocation during transcatheter aortic valve implantation. <b>2010</b> , 3, 531-6		57
744	The American Board of Allergy and Immunology maintenance of certification program: "to do or not to do? That is the question.". <b>2010</b> , 105, 485-8		6
743	Transcatheter aortic valve implantation. <b>2010</b> , 28, 155-68		11
742	Choice of prosthetic heart valve in adults an update. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 2413-26	15.1	265
741	Preoperative diastolic function predicts the onset of left ventricular dysfunction following aortic valve replacement in high-risk patients with aortic stenosis. <b>2010</b> , 14, R101		26
740	Aortic valve replacement with or without coronary artery bypass graft surgery: the risk of surgery in patients > or =80 years old. <b>2010</b> , 24, 18-24		24
739	Anesthesia and perioperative management of patients undergoing transcatheter aortic valve implantation: analysis of 90 consecutive patients with focus on perioperative complications. <b>2010</b> , 24, 752-61		60
738	Frailty: the missing element in predicting operative mortality. <b>2010</b> , 22, 109-10		41
737	Understanding risk assessment in cardiac surgery patients. <b>2010</b> , 22, 285-90		2
736	Tratamiento de la enfermedad valvular aórtica mediante técnicas «transcatter». Visión actual y perspectivas futuras. <b>2010</b> , 17, 57-65		
735	Biological versus mechanical prosthesis in 3279 patients from the Swedish in-patients register. <b>2011</b> , 45, 223-8		3
734	Epidemiology of valvular heart disease in the adult. <b>2011</b> , 8, 162-72		391

733	Long-term outcomes after transcatheter aortic valve implantation in high-risk patients with severe aortic stenosis: the U.K. TAVI (United Kingdom Transcatheter Aortic Valve Implantation) Registry. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 2130-8	15.1	720
732	[Percutaneous aortic valve implantation: results and perspectives]. <b>2011</b> , 40, 732-9		1
731	Leukodepletion for patients undergoing heart valve surgery. <b>2011</b> ,		
730	Durability of tissue valves. <b>2011</b> , 23, 18-23		18
729	Surgical Approaches to Aortic Valve Replacement and Repair-Insights and Challenges. <b>2014</b> , 9, 32-36		7
728	Transcatheter Aortic Valve Implantation. <b>2011</b> ,		
727	Advanced in aortic root surgery. <b>2011</b> , 7, 48-52		1
726	Conventional aortic valve replacement for elderly patients in the current era. <b>2011</b> , 75, 2692-8		12
725	Aortic valve replacement: results and predictors of mortality from a contemporary series of 2256 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 940-7	1.5	78
724	Impact of pulmonary hypertension on outcomes after aortic valve replacement for aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 1424-30	1.5	115
723	Aortic valve surgery: marked increases in volume and significant decreases in mechanical valve use--an analysis of 41,227 patients over 5 years from the Society for Cardiothoracic Surgery in Great Britain and Ireland National database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 776-782.e3	1.5	144
722	Minimally invasive aortic valve replacement via right anterior minithoracotomy: early outcomes and midterm follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 1577-9	1.5	81
721	Outcomes of off-pump aortic valve bypass surgery for the relief of aortic stenosis in adults. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 131-6	2.7	17
720	Fifteen-year outcome trends for valve surgery in North America. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 677-84; discussion p 684	2.7	117
719	Aortic valve replacement with Hancock II bioprosthesis with and without replacement of the ascending aorta. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 541-7	2.7	11
718	Changing demographics of valvular heart disease and impact on surgical and transcatheter valve therapies. <b>2011</b> , 27, 1115-22		20
717	Transcatheter valve in valve implantation for failed mitral and tricuspid bioprosthesis. <b>2011</b> , 78, 987-95		60
716	Transcatheter aortic valve implantation for failing surgical aortic bioprosthetic valve: from concept to clinical application and evaluation (part 1). <b>2011</b> , 4, 721-32		93

715	Transcatheter aortic valve implantation decreases the rate of unoperated aortic stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 43-8	3	26
714	Aortic root enlargement does not increase the surgical risk and short-term patient outcome?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 441-7	3	18
713	An Australian risk prediction model for determining early mortality following aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 815-21	3	15
712	Reoperation of left heart valve bioprostheses according to age at implantation. <b>2011</b> , 124, S75-80		83
711	In vitro assessment of heart valve bioprostheses by cardiovascular magnetic resonance: four-dimensional mapping of flow patterns and orifice area planimetry. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 40, 736-42	3	11
710	Quality-of-life implications of immediate surgery and watchful waiting in asymptomatic aortic stenosis: a decision-analytic model. <b>2011</b> , 4, 541-8		8
709	One year follow-up of the multi-centre European PARTNER transcatheter heart valve study. <b>2011</b> , 32, 148-57		312
708	Prospective evaluation of aortic stenosis in end-stage kidney disease: a more fulminant process?. <b>2011</b> , 26, 1651-5		23
707	Changing nature of cardiac interventions in older adults. <b>2011</b> , 7, 283-295		14
706	Transcatheter aortic valve replacement: the changing paradigm of aortic stenosis treatment. <b>2011</b> , 9, 1127-35		
705	Transarterial Medtronic CoreValve system implantation for degenerated surgically implanted aortic prostheses. <b>2011</b> , 4, 488-94		9
704	Treatment options in severe aortic stenosis. <b>2011</b> , 124, 355-9		22
703	Transapical minimally invasive aortic valve implantation and conventional aortic valve replacement in octogenarians. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2012</b> , 60, 335-42	1.6	18
702	Bicuspid aortic valve disease and ascending aortic aneurysms: gaps in knowledge. <b>2012</b> , 2012, 145202		54
701	Almanac 2012--adult cardiac surgery: the national society journals present selected research that has driven recent advances in clinical cardiology. <b>2012</b> , 98, 1412-7		2
700	Sutureless aortic bioprosthesis in severe aortic root calcification: an innovative approach. <b>2012</b> , 14, 670-2		17
699	Aortic valve replacement with the Cardioproteze Premium bovine pericardium bioprosthesis: four-year clinical results. <b>2012</b> , 15, 229-34		3
698	ESC Working Group on Valvular Heart Disease Position Paper: assessing the risk of interventions in patients with valvular heart disease. <b>2012</b> , 33, 822-8, 828a, 828b		114

697	Percutaneous Treatment of Left Side Cardiac Valves. <b>2012,</b>		2
696	Should severe aortic stenosis be operated on before symptom onset? Severe aortic stenosis should not be operated on before symptom onset. <b>2012,</b> 126, 118-25		42
695	Degenerative calcific aortic stenosis: a natural history. <b>2012,</b> 98 Suppl 4, iv7-13		53
694	Transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: results from the global valve-in-valve registry. <b>2012,</b> 126, 2335-44		412
693	Registry of transcatheter aortic-valve implantation in high-risk patients. <b>2012,</b> 366, 1705-15		960
692	Transcatheter aortic valve implantation outcomes: implications for practice. <b>2012,</b> 27, 270-82		6
691	Warfarin after bioprosthetic aortic valve implantation. <b>2012,</b> 308, 2147-8		5
690	Chronic kidney disease is not associated with a higher risk for mortality or acute kidney injury in transcatheter aortic valve implantation. <b>2012,</b> 27, 3502-8		34
689	Aortic stenosis: a contemporary review. <b>2012,</b> 343, 490-6		14
688	A New Generation of Aortic Valve Prosthesis: Design, Manufacture and Hydrodynamic Assessment. <b>2012,</b>		
687	Transcatheter aortic valve implantation in the elderly. <b>2012,</b> 8, 479-491		1
686	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology,</i> <b>2012,</b> 59, 1200-54	15.1	580
685	Persistent annual permanent pacemaker implantation rate after surgical aortic valve replacement in patients with severe aortic stenosis. <i>Annals of Thoracic Surgery,</i> <b>2012,</b> 94, 1143-9	2.7	41
684	Ten-year comparison of pericardial tissue valves versus mechanical prostheses for aortic valve replacement in patients younger than 60 years of age. <i>Journal of Thoracic and Cardiovascular Surgery,</i> <b>2012,</b> 144, 1075-83	1.5	96
683	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of America, Mended Hearts, Society of Cardiovascular Anesthesiologists, Society of Cardiovascular Computed Tomography and Society for Cardiovascular Magnetic Resonance. <i>Journal of Thoracic and Cardiovascular Surgery,</i> <b>2012,</b> 144, 829-84	1.5	93
682	Use of transcatheter heart valves for a valve-in-valve implantation in patients with degenerated aortic bioprosthesis: technical considerations and results. <i>Journal of Thoracic and Cardiovascular Surgery,</i> <b>2012,</b> 144, 1372-9; discussion 1379-80	1.5	90
681	Pulmonary hypertension is associated with worse early and late outcomes after aortic valve replacement: implications for transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery,</i> <b>2012,</b> 144, 1067-1074.e2	1.5	56
680	[Transcatheter aortic valve prostheses: an open future]. <b>2012,</b> 59, 530-4		

679	Guidelines on the management of valvular heart disease (version 2012). <b>2012</b> , 33, 2451-96		2866
678	Guidelines on the management of valvular heart disease (version 2012): the Joint Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 42, 51-44	3	1002
677	Immediate and late outcome of patients aged 80 years and older undergoing isolated aortic valve replacement: a systematic review and meta-analysis of 48 studies. <b>2012</b> , 163, 477-85		85
676	[Selection of patients for transcatheter aortic valve implantation]. <b>2012</b> , 41, 628-33		
675	Comparison of effectiveness and safety of transcatheter aortic valve implantation in patients aged ≥80 years versus . <b>2012</b> , 110, 1156-63		56
674	[Percutaneous treatment for severe aortic stenosis]. <b>2012</b> , 138, 254-60		0
673	Aortic Valve Disease. <b>2012</b> , 137-268		
672	Practical Approach to the Evaluation of Prosthetic Mechanical and Tissue Replacement Heart Valves. <b>2012</b> , 5, 353-69		4
671	Poststernotomy lymphadenopathy: prevalence, size, and location on chest CT. <b>2013</b> , 19, 208-12		1
670	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of America, Mended Hearts, Society of Cardiovascular Anesthesiologists, Society of Cardiovascular		16
669	Aortic valve replacement for paraprosthetic leak after transcatheter implantation. <i>Journal of Cardiac Surgery</i> , <b>2012</b> , 27, 47-51	1.3	12
668	Long-term survival, autonomy, and quality of life of elderly patients undergoing aortic valve replacement. <i>Journal of Cardiac Surgery</i> , <b>2012</b> , 27, 20-3	1.3	11
667	Clinical and silent stroke following aortic valve surgery and transcatheter aortic valve implantation. <i>Cardiovascular Revascularization Medicine</i> , <b>2012</b> , 13, 133-40	1.6	15
666	2012 ACCF/AATS/SCAI/STS expert consensus document on transcatheter aortic valve replacement: developed in collaboration with the American Heart Association, American Society of Echocardiography, European Association for Cardio-Thoracic Surgery, Heart Failure Society of America, Mended Hearts, Society of Cardiovascular Anesthesiologists, Society of Cardiovascular	2.7	47
665	Acute and late outcomes of Transcatheter Aortic Valve Implantation (TAVI) for the treatment of severe symptomatic aortic stenosis in patients at high- and low-surgical risk. <b>2012</b> , 25, 364-74		20
664	Tricuspid valve surgery: the past 10 years from the Nationwide Inpatient Sample (NIS) database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 1043-9	1.5	162
663	Transapical aortic valve implantation in patients with severely depressed left ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 1356-63	1.5	20
662	Transcatheter (TAVR) versus surgical (AVR) aortic valve replacement: occurrence, hazard, risk factors, and consequences of neurologic events in the PARTNER trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2012</b> , 143, 832-843.e13	1.5	244

661	Prevention of aortic valve stenosis: a realistic therapeutic target?. <b>2012</b> , 135, 78-93			17
660	A guide to fluoroscopic identification and design of bioprosthetic valves: a reference for valve-in-valve procedure. <b>2013</b> , 81, 853-61			70
659	Substitute Heart Valves. <b>2013</b> , 761-771			
658	Cardiac Valvular Medicine. <b>2013</b> ,			3
657	Chronic obstructive pulmonary disease in patients undergoing transcatheter aortic valve implantation: insights on clinical outcomes, prognostic markers, and functional status changes. <b>2013</b> , 6, 1072-84			67
656	Cost-effectiveness of the Edwards SAPIEN transcatheter heart valve compared with standard management and surgical aortic valve replacement in patients with severe symptomatic aortic stenosis: a Canadian perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 146, 52-60.e3	1.5		40
655	Simple bedside clinical evaluation versus established scores in the estimation of operative risk in valve replacement for severe aortic stenosis. <b>2013</b> , 106, 651-60			17
654	Transcatheter aortic valve-in-surgical aortic valve implantation: current status and future perspectives. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 403-6	3		7
653	Almanac 2012: adult cardiac surgery: the national society journals present selected research that has driven recent advances in clinical cardiology. <b>2013</b> , 32, 173-80			
652	Current management of calcific aortic stenosis. <b>2013</b> , 113, 223-37			120
651	Trends and outcomes of tricuspid valve surgery in North America: an analysis of more than 50,000 patients from the Society of Thoracic Surgeons database. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1546-52; discussion 1552	2.7		166
650	The influence of leaflet skin friction and stiffness on the performance of bioprosthetic aortic valves. <b>2013</b> , 36, 473-86			3
649	Transcatheter aortic valve replacement. <b>2013</b> , 31, 355-81			8
648	[The "asymptomatic" patient with chronic acquired heart valve disease]. <b>2013</b> , 54, 7-8, 10, 12-4, 16-7			
647	Current trends in aortic valve replacement: development of the rapid deployment EDWARDS INTUITY valve system. <b>2013</b> , 10, 461-70			29
646	One-year outcomes of the Surgical Treatment of Aortic Stenosis With a Next Generation Surgical Aortic Valve (TRITON) trial: a prospective multicenter study of rapid-deployment aortic valve replacement with the EDWARDS INTUITY Valve System. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 110-5; discussion 115-6	1.5		163
645	Role of Statins in Valvular Heart Disease: Rheumatic Valve Disease and Bioprosthetic Valves. <b>2013</b> , 111-121			
644	Almanac 2012: Adult cardiac surgery: The national society journals present selected research that has driven recent advances in clinical cardiology. <b>2013</b> , 32, 173-180			



643	Perceval sutureless valve in freestyle root: new surgical valve-in-valve therapy. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, e155-7	2.7	25
642	Outcomes of consecutive patients referred for consideration for transcatheter aortic valve implantation from an encompassing health-care region. <b>2013</b> , 112, 1450-4		5
641	Prognostic value of chronic kidney disease after transcatheter aortic valve implantation. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 869-77	15.1	108
640	Guàide pràctica clínic sobre el tratamiento de las valvulopatías (versió 2012). <b>2013</b> , 66, 131.e1-131.e42		
639	Early clinical outcome of aortic transcatheter valve-in-valve implantation in the Nordic countries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 146, 1047-54; discussion 1054	1.5	29
638	A contemporary cost analysis of postoperative morbidity after coronary artery bypass grafting with and without concomitant aortic valve replacement to improve patient quality and cost-effective care. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 96, 1621-7	2.7	34
637	Almanac 2012 adult cardiac surgery: The national society journals present selected research that has driven recent advances in clinical cardiology. <b>2013</b> , 65, 43-50		
636	One-year results of transcatheter aortic valve implantation as an alternative treatment for severe aortic stenosis in high-risk patients. <b>2013</b> , 76, 698-702		3
635	Invasive hemodynamic evaluation in patients with mechanical aortic valves. <b>2013</b> , 82, 43-50		3
634	Aortic valve and ascending aorta guidelines for management and quality measures: executive summary. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1491-505	2.7	85
633	A systematic review on the quality of life benefits after aortic valve replacement in the elderly. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 1173-89	1.5	55
632	Outcomes of surgical aortic valve replacement in octogenarians. <b>2013</b> , 22, 618-26		17
631	Valvular heart disease in older adults: evolving technology to meet the needs of aging patients. <b>2013</b> , 9, 205-215		3
630	Right anterior minithoracotomy versus conventional aortic valve replacement: a propensity score matched study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 1222-6	1.5	137
629	Aortic valve and ascending aorta guidelines for management and quality measures. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, S1-66	2.7	146
628	Challenges of biological valve development. <b>2013</b> , 5, 319-334		7
627	Transcatheter versus optimal medical treatment and surgical aortic valve replacement for aortic valve stenosis. <b>2013</b> ,		1
626	[Transcatheter aortic valve implantation]. <b>2013</b> , 54, 28-34, 36-8		0

625	Engineering perspective on transcatheter aortic valve implantation. <b>2013</b> , 5, 53-70	14
624	Trends in aortic valve replacement for elderly patients in the United States, 1999-2011. <b>2013</b> , 310, 2078-85	107
623	Long-term safety and effectiveness of mechanical versus biologic aortic valve prostheses in older patients: results from the Society of Thoracic Surgeons Adult Cardiac Surgery National Database. <b>2013</b> , 127, 1647-55	158
622	Tissue valve is the preferred option for patients aged 60 and older. <b>2013</b> , 128, 1365-71	31
621	Almanac 2012 adult cardiac surgery: journals present selected research that has driven recent advances in clinical cardiology. <b>2013</b> , 13, 414-21	
620	Aortic valve bypass: experience from Denmark. <b>2013</b> , 17, 79-83	8
619	Sutureless aortic valve replacement: an alternative to transcatheter aortic valve implantation?. <b>2013</b> , 28, 158-63	19
618	Two alternative sutureless strategies for aortic valve replacement: a two-center experience. <b>2013</b> , 8, 253-7	5
617	Selection of aortic valve prostheses: contemporary reappraisal of mechanical versus biologic valve substitutes. <b>2013</b> , 128, 1372-80	34
616	eComment. Incidence of patient-prosthesis mismatch in patients with a Perceval S valve. <b>2013</b> , 17, 782-3	1
615	Aortic valve replacement in geriatric patients with small aortic roots: are sutureless valves the future?. <b>2013</b> , 17, 778-82; discussion 782	68
614	Improving outlook for elderly patients with aortic stenosis. <b>2013</b> , 310, 2045-7	3
613	Surgery for Valvular Heart Disease. <b>2013</b> , 691-713	0
612	Sizing strategy is a major determinant of postoperative pressure gradients in commonly implanted stented tissue valves. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, e289-94	3 7
611	The impact of transcatheter aortic valve implantation on patients' profiles and outcomes of aortic valve surgery programmes: a multi-institutional appraisal. <b>2013</b> , 16, 608-11	5
610	Searching for the optimal heart valve. <b>2013</b> , 8, 286-7	4
609	Transcatheter heart valve implantation for failing surgical bioprostheses: technical considerations and evidence for valve-in-valve procedures. <b>2013</b> , 99, 960-7	20
608	Should we anticoagulate after bioprosthetic aortic valve replacement?. <b>2013</b> , 11, 1649-57	1

607	Is transcatheter aortic valve implantation cost effective in the nonsurgical elderly population?. <b>2013</b> , 5, 411-418		1
606	Percutaneous Transcatheter Aortic Valve Implantation – The Evolution, Current Status and the Future. <b>2013</b> , 22, 146-150		
605	Leukodepletion for patients undergoing heart valve surgery. <b>2013</b> , CD009507		3
604	Redo valve surgery--current status and future perspectives. <b>2014</b> , 20, 267-75		9
603	Beyond adding years to life: health-related quality-of-life and functional outcomes in patients with severe aortic valve stenosis at high surgical risk undergoing transcatheter aortic valve replacement. <b>2013</b> , 9, 281-94		23
602	Safety and efficacy of novel oral anticoagulants: a comparison to vitamin K antagonists. <b>2014</b> , 12, 9-13		
601	Transcatheter Aortic Valve Implantation (TAVI): Is it Time for This Intervention to be Applied in a Lower Risk Population?. <b>2014</b> , 8, 93-102		9
600	Trends in mechanical aortic valve replacement surgery in a large, multi-surgeon, single hospital practice. <i>Kardiochirurgia I Torakochirurgia Polska</i> , <b>2014</b> , 11, 367-72	0.3	
599	Early structural valve deterioration of Mitroflow aortic bioprosthesis: mode, incidence, and impact on outcome in a large cohort of patients. <b>2014</b> , 130, 2012-20		140
598	Early structural valve deterioration of the mitroflow aortic bioprosthesis. <b>2014</b> , 130, 1997-8		6
597	The evolution of cardiovascular surgery in elderly patient: a review of current options and outcomes. <b>2014</b> , 2014, 736298		48
596	Prognostic implications of pulmonary hypertension in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation: study from the FRANCE 2 Registry. <b>2014</b> , 7, 240-7		75
595	Pseudoaneurysm formation after medtronic freestyle porcine aortic bioprosthesis implantation: a word of caution. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2061-7	2.7	20
594	Transcatheter aortic valve replacement: a novel abdominal transaortic approach. <b>2014</b> , 83, 670-5		4
593	[Transcatheter aortic valve implantation]. <b>2014</b> , 63, 422-7		
592	The association of transcatheter aortic valve replacement availability and hospital aortic valve replacement volume and mortality in the United States. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2016-22; discussion 2022	2.7	61
591	Transcatheter valve-in-valve replacement of degenerated bioprosthetic aortic valves: a single Australian Centre experience. <i>Cardiovascular Revascularization Medicine</i> , <b>2014</b> , 15, 388-92	1.6	11
590	Transseptal strategy in retrograde transcatheter valve-in-valve implantation for failed surgical aortic bioprosthesis. <b>2014</b> , 83, 817-21		2

589	Increasing mean arterial pressure during cardiac surgery does not reduce the rate of postoperative acute kidney injury. <b>2014</b> , 29, 496-504		42
588	Transcatheter aortic valve implantation in failed bioprosthetic surgical valves. <b>2014</b> , 312, 162-70		568
587	A rare case of sinus of valsalva-right atrial fistula secondary to an abscess perforation from underlying aortic valve endocarditis. <i>Journal of Cardiothoracic Surgery</i> , <b>2014</b> , 9, 124	1.6	7
586	Advances in the treatment of aortic valve disease: is it time for companion diagnostics?. <b>2014</b> , 26, 546-52		5
585	Aortic valve replacement and concomitant right coronary artery bypass grafting performed via a right minithoracotomy approach. <b>2014</b> , 9, 302-5		3
584	Outcome characteristics of multiple-valve surgery: comparison with single-valve procedures. <b>2014</b> , 9, 27-32		25
583	Survival and long-term outcomes following bioprosthetic vs mechanical aortic valve replacement in patients aged 50 to 69 years. <b>2014</b> , 312, 1323-9		154
582	eComment. Custom-made tissue valve composite tube graft for complex aortic root disease: a safe operative technique. <b>2014</b> , 19, 589		
581	Mid-term results of aortic root replacement using a self-assembled biological composite graft. <b>2014</b> , 19, 584-9		4
580	Transcatheter valve-in-valve therapy: What does the pediatric cardiologist need to know?. <b>2014</b> , 38, 57-65		
579	The Ross procedure offers excellent survival compared with mechanical aortic valve replacement in a real-world setting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 409-13; discussion 413-4	3	34
578	Minimally invasive aortic valve replacement with Perceval S sutureless valve: early outcomes and one-year survival from two European centers. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 2838-43	1.5	92
577	Comparison between different risk scoring algorithms on isolated conventional or transcatheter aortic valve replacement. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 796-802	2.7	35
576	Late outcomes comparison of nonelderly patients with stented bioprosthetic and mechanical valves in the aortic position: a propensity-matched analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 1931-9	1.5	57
575	Lack of progress in valvular heart disease in the pre-transcatheter aortic valve replacement era: increasing deaths and minimal change in mortality rate over the past three decades. <b>2014</b> , 167, 562-567.e2		33
574	Anesthetic and perioperative considerations for transapical transcatheter aortic valve replacement. <b>2014</b> , 28, 1075-87		16
573	Zur Leitlinie Herzklappenerkrankungen der ESC und EACTS Version 2012. <b>2014</b> , 28, 47-54		
572	Valve-in-valve implantations: is this the new standard for degenerated bioprostheses? Review of the literature. <b>2014</b> , 103, 417-29		34

571	Stroke after aortic valve replacement: the known and unknown. <b>2014</b> , 129, 2245-7		6
570	Transcatheter aortic valve-in-valve implantation for patients with degenerative surgical bioprosthetic valves. <b>2014</b> , 39, 7-27		47
569	The global burden of aortic stenosis. <b>2014</b> , 56, 565-71		142
568	Transcatheter aortic valve replacement: game-changing innovation for patients with aortic stenosis. <b>2014</b> , 65, 367-83		3
567	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, 269-79	15.1	75
566	Outcomes of surgical aortic valve replacement in moderate risk patients: implications for determination of equipoise in the transcatheter era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 127-32	1.5	23
565	Reoperative aortic valve replacement in the octogenarians-minimally invasive technique in the era of transcatheter valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 155-62	1.5	34
564	Epidemiology of acquired valvular heart disease. <b>2014</b> , 30, 962-70		190
563	Accelerated degeneration of a bovine pericardial bioprosthetic aortic valve in children and young adults. <b>2014</b> , 130, 51-60		94
562	Outcomes of patients undergoing third-time aortic or mitral valve replacement. <i>Journal of Cardiac Surgery</i> , <b>2014</b> , 29, 8-13	1.3	3
561	Aortic valve replacement through right anterior minithoracotomy: can sutureless technology improve clinical outcomes?. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1585-92	2.7	67
560	Mortality while waiting for aortic valve replacement. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1564-70; discussion 1570-1	2.7	63
559	Transcatheter mitral valve replacement: the next revolution?. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 1820-4	15.1	13
558	[Epidemiology of cerebral perioperative vascular accidents]. <b>2014</b> , 33, 677-89		1
557	Trends and outcomes of valve surgery: 16-year results of Netherlands Cardiac Surgery National Database. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 386-97; discussion 397	3	47
556	Aortic valve replacement and concomitant procedures with the Perceval valve: results of European trials. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1294-300	2.7	61
555	Between a rock and a hard place. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 1214-6	15.1	
554	Clinical results of transcatheter aortic valve implantation in octogenarians and nonagenarians: insights from the FRANCE-2 registry. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 29-36	2.7	40

553	Lessons from the RE-ALIGN trial. <b>2014</b> , 107, 277-9		5
552	Geriatric cardiac surgery: chronology vs. biology. <b>2014</b> , 23, 794-801		19
551	Frailty and risk in proximal aortic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 186-191.e163		19
550	Bioprosthetic valve durability after stentless aortic valve replacement: the effect of implantation technique. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 2011-8	2.7	11
549	The St Jude Medical Trifecta aortic pericardial valve: results from a global, multicenter, prospective clinical study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 590-7	1.5	119
548	Optimal timing of aortic valve replacement in elderly patients with severe aortic stenosis. <b>2014</b> , 44, 84-93		2
547	Impact of concomitant surgical atrial fibrillation ablation in patients undergoing aortic valve replacement. <b>2014</b> , 78, 1364-71		20
546	Percutaneous Transcatheter Aortic Valve Implantation: An Update. <b>2014</b> , 22,		
545	Reemplazo valvular aórtico mínimamente invasivo. <b>2015</b> , 22, 221-223		
544	Editorial comment on "Aortic valve replacement for severe aortic stenosis in octogenarians: Patient outcomes and comparison of operative risk scores" <b>2015</b> , 34, 447-448		
543	Comentário a «Durabilidade a longo prazo de válvulas aórticas biológicas: implicações a partir de 12 569 implantes». <b>2015</b> , 34, 573-574		
542	CD133 antibody conjugation to decellularized human heart valves intended for circulating cell capture. <b>2015</b> , 10, 055001		6
541	Transcatheter aortic valve-in-valve implantation for patients with degenerative surgical bioprosthetic valves. <b>2015</b> , 79, 695-703		35
540	Aortic valve-in-valve and hemodynamic outcomes: where are we?. <b>2015</b> , 23, 162-163		
539	Implante aórtico valve-in-valve e resultados hemodinâmicos: onde não estamos?. <b>2015</b> , 23, 162-163		
538	Comment on "Long-term durability of bioprosthetic aortic valves: implications from 12,569 implants" <b>2015</b> , 34, 573-4		
537	First in human implantation of the mechanical expanding Lotus <sup>®</sup> valve in degenerated surgical valves in mitral position. <b>2015</b> , 86, 1280-6		4
536	Temporal Trends in Disease Severity and Predicted Surgical Risk at the Time of Referral for Echocardiography in Patients Diagnosed with Aortic Stenosis. <b>2015</b> , 14, 103-9		2

535	A Meta-Analysis Examining Differences in Short-Term Outcomes Between Sutureless and Conventional Aortic Valve Prostheses. <b>2015</b> , 10, 375-82		10
534	Postoperative Critical Care of the Adult Cardiac Surgical Patient: Part II: Procedure-Specific Considerations, Management of Complications, and Quality Improvement. <b>2015</b> , 43, 1995-2014		36
533	Transcatheter versus optimal medical treatment and surgical aortic valve replacement for aortic valve stenosis. <b>2015</b> ,		
532	The impact of age and severity of comorbid illness on outcomes after isolated aortic valve replacement for aortic stenosis. <b>2015</b> , 8, 91-7		4
531	Long-Term Outcome of Prosthetic Valve Replacement in Japanese Patients Aged 65 Years or Older: Are Guidelines for Prosthetic Valve Selection Based on Overseas Data Appropriate for Japanese Patients?. <b>2015</b> , 21, 254-60		4
530	The use of transcatheter aortic valve replacement vs surgical aortic valve replacement for the treatment of aortic stenosis. <b>2015</b> , 105		
529	The impact of transcatheter aortic valve implantation on left ventricular performance and wall thickness - single-centre experience. <b>2015</b> , 11, 37-43		7
528	Use of Mesothelial Cells and Biological Matrices for Tissue Engineering of Simple Epithelium Surrogates. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2015</b> , 3, 117	5.8	17
527	A Meta-Analysis Examining Differences in Short-Term Outcomes between Sutureless and Conventional Aortic Valve Prostheses. <b>2015</b> , 10, 375-382		2
526	Very long-term outcomes of the Carpentier-Edwards Perimount valve in aortic position. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 831-7	2.7	226
525	Current status of transcatheter aortic valve replacement. <b>2015</b> , 99, 805-33		5
524	Hemodynamic performance of Trifecta: single-center experience of 400 patients. <b>2015</b> , 23, 140-5		16
523	Conventional surgery results in patients originally referred for transcatheter aortic valve implantation. <b>2015</b> , 16, 267-70		1
522	Transcatheter heart valve failure: a systematic review. <b>2015</b> , 36, 1306-27		137
521	Contemporary Outcomes of Repeat Aortic Valve Replacement: A Benchmark for Transcatheter Valve-in-Valve Procedures. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 1298-304; discussion 1304	2.7	83
520	Comparison of Inhospital Outcomes of Surgical Aortic Valve Replacement in Hospitals With and Without Availability of a Transcatheter Aortic Valve Implantation Program (from a Nationally Representative Database). <b>2015</b> , 116, 1229-36		11
519	Long-Term Survival After Bovine Pericardial Versus Porcine Stented Bioprosthetic Aortic Valve Replacement: Does Valve Choice Matter?. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 550-9	2.7	21
518	Long-term survival with a stentless free-hand Batista pericardial aortic valve prosthesis: A case report. <b>2015</b> , 6C, 46-7		



517	Long-term outcomes of the Ross procedure in adults with severe aortic stenosis: single-centre experience with 20 years of follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 47, 159-67; discussion 167	3	18
516	Contemporary real-world outcomes of surgical aortic valve replacement in 141,905 low-risk, intermediate-risk, and high-risk patients. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 55-61	2.7	205
515	Nontransfemoral Approaches to Transcatheter Aortic Valve Replacement. <b>2015</b> , 4, 95-105		12
514	Trends in hospitalizations among medicare survivors of aortic valve replacement in the United States from 1999 to 2010. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 509-17	2.7	13
513	Simultaneous double valve-in-valve TAVI procedure for failed bioprostheses. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 722-4	2.7	10
512	Temporal trends in the incidence and prognosis of aortic stenosis: a nationwide study of the Swedish population. <b>2015</b> , 131, 988-94		59
511	Transapical aortic valve implantation: predictors of survival up to 5 years in 730 patients. An update. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 47, 281-90; discussion 290	3	17
510	Available transcatheter aortic valve replacement technology. <b>2015</b> , 17, 488		3
509	Challenge for perceval: aortic valve replacement with small sutureless valves--a multicenter study. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 1248-54	2.7	21
508	Trainees can learn minimally invasive aortic valve replacement without compromising safety. <b>2015</b> , 20, 458-62		9
507	Surgical aortic valve replacement in patients older than 75 years: is there really a quality of life benefit?. <b>2015</b> , 23, 174-9		8
506	Minimally invasive aortic valve replacement provides equivalent outcomes at reduced cost compared with conventional aortic valve replacement: A real-world multi-institutional analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 1060-5	1.5	60
505	Very Long-Term Outcomes of the Carpentier-Edwards Perimount Aortic Valve in Patients Aged 60 or Younger. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 853-9	2.7	81
504	Aortic Root Replacement With Biological Valved Conduits. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 337-53	2.7	14
503	Comparison of Preoperative and Postoperative Characteristics in Octogenarians Having Isolated Surgical Aortic Valve Replacement Before Versus After Introduction of Transcatheter Aortic Valve Implantation. <b>2015</b> , 116, 933-7		3
502	Transradial Secondary Arterial Access for Transcatheter Aortic Valve Implantation: Experience and Limitations. <b>2015</b> , 24, 682-5		12
501	Acquired valvular heart disease. <b>2015</b> , 489-583		
500	Pregnancy in Women With a Mechanical Heart Valve: Data of the European Society of Cardiology Registry of Pregnancy and Cardiac Disease (ROPAC). <b>2015</b> , 132, 132-42		196



499	Comparison of Anterolateral Minithoracotomy Versus Partial Upper Hemisternotomy in Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 100, 868-73	2.7	26
498	TAVI in 2015: who, where and how?. <b>2015</b> , 101, 1422-31		16
497	Doppler Imaging in Aortic Stenosis: The Importance of the Nonapical Imaging Windows to Determine Severity in a Contemporary Cohort. <b>2015</b> , 28, 780-5		42
496	Incidence and mechanisms of cerebral ischemia after transcatheter aortic valve implantation compared with surgical aortic valve replacement. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 802-8	2.7	33
495	Coronary obstruction in transcatheter aortic valve-in-valve implantation: preprocedural evaluation, device selection, protection, and treatment. <b>2015</b> , 8,		135
494	Development of self-expanding valved stents with autologous tubular leaflet tissues for transcatheter valve implantation. <b>2015</b> , 18, 228-35		9
493	Early and mid-term results of isolated aortic valve replacement for aortic stenosis in octogenarians. <b>2015</b> , 63, 216-21		3
492	Single Institution Experience With Transcatheter Valve-in-Valve Implantation Emphasizing Strategies for Coronary Protection. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 1532-8	2.7	24
491	Transapical perfusion for peri-arrest salvage during transcatheter aortic valve implantation. <b>2015</b> , 30, 650-2		1
490	National trends in utilization and in-hospital outcomes of mechanical versus bioprosthetic aortic valve replacements. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 149, 1262-9.e3	1.5	158
489	Recent advances in transcatheter aortic valve replacement for high-risk patients. <b>2015</b> , 13, 1237-49		7
488	Development of an algorithm to plan and simulate a new interventional procedure. <b>2015</b> , 21, 87-95		18
487	Initial Surgical Versus Conservative Strategies in Patients With Asymptomatic Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2827-2838	15.1	180
486	Transcatheter aortic valve implantation - what the general physician needs to know. <b>2015</b> , 15, 420-5		4
485	Rapid Deployment Valve Implantation using the EDWARDS Intuity Valve System: A Word of Caution regarding Sizing in Calcified Sinotubular Junctions. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2015</b> , 63, 504-7	1.6	5
484	Electrical risk analysis in operating rooms at the light of the advancements in modelling and simulation methods. <b>2015</b> ,		0
483	Comparison of Outcomes of Transcatheter Aortic Valve Implantation in Patients ≥90 Years Versus . <b>2015</b> , 116, 1110-5		28
482	In-hospital mortality and stroke after surgical aortic valve replacement: A nationwide perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 571-8.e8	1.5	25

481	Transcatheter Valve Implantation in Failed Surgically Inserted Bioprosthesis: Review and Practical Guide to Echocardiographic Imaging in Valve-in-Valve Procedures. <b>2015</b> , 8, 960-79		23
480	New Ways of Thinking About Senescent Bioprosthetic Heart Valve Therapy. <b>2015</b> , 8, 1745-7		
479	Editorial comment on the article Aortic valve replacement for severe aortic stenosis in octogenarians: patient outcomes and comparison of operative risk scores. <b>2015</b> , 34, 447-8		
478	Comparison between biological and mechanical aortic valve prostheses in middle-aged patients matched through propensity score analysis: long-term results. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 48, 129-36	3	20
477	Can restrictive filling pattern on dobutamine stress echocardiography predict recovery of left ventricular systolic function after valve replacement in patients with low flow-low gradient aortic stenosis?. <b>2015</b> , 67, 99-105		
476	Polymeric heart valves for surgical implantation, catheter-based technologies and heart assist devices. <b>2015</b> , 36, 6-25		109
475	Comparison of the early haemodynamics of stented pericardial and porcine aortic valves. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2015</b> , 47, 4-10	3	6
474	The Treatment of Aortic Valve Stenosis in Patients at Intermediate-High Risk. <b>2016</b> , 2,		
473	Expectation and quality of life after aortic valve replacement over 85 years of age match those of the contemporary general population. <b>2016</b> , 39, 56-62		5
472	Cardiac Valve Replacement and Related Interventions. <b>2016</b> , 529-576		4
471	Noninferiority of Shanghai Cingular biotech's bovine pericardial valve preclinical study in juvenile ovine model. <i>Journal of Thoracic Disease</i> , <b>2016</b> , 8, 1179-87	2.6	4
470	Anticoagulant independent mechanical heart valves: viable now or still a distant holy grail. <b>2016</b> , 4, 525		5
469	Aortic valve decalcification for severe aortic valve stenosis in the elderly: medium-term results. <b>2016</b> , 17, 130-6		
468	European real world trans-catheter aortic valve implantation: systematic review and meta-analysis of European national registries. <i>Journal of Cardiothoracic Surgery</i> , <b>2016</b> , 11, 159	1.6	35
467	Histology of debris captured by a cerebral protection system during transcatheter valve-in-valve implantation. <b>2016</b> , 102, 1573-80		20
466	Current Approach to Heart Failure. <b>2016</b> ,		
465	Transcatheter versus surgical aortic valve replacement in moderate and high-risk patients: a meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 51, 644-652	3	15
464	20 years experience with the Ross operation in middle-aged patients: the autologous principle is still alive. <b>2017</b> , 24, 348-354		10

463	Clinical outcomes for transcatheter valve-in-valve in treating surgical bioprosthetic dysfunction: A meta-analysis. <b>2016</b> , 212, 138-41		5
462	The impact of prior stroke on the outcome of patients with severe aortic stenosis undergoing transcatheter aortic valve replacement. <i>Cardiovascular Revascularization Medicine</i> , <b>2016</b> , 17, 322-7	1.6	1
461	Transapical Transcatheter Valve-in-Valve Implantation for Failed Mitral Bioprostheses: Gradient, Symptoms, and Functional Status in 18 High-Risk Patients Up to 5 Years. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1289-95	2.7	15
460	Heart valve health, disease, replacement, and repair: a 25-year cardiovascular pathology perspective. <b>2016</b> , 25, 341-352		24
459	Early haemodynamic performance of a latest generation supra-annular aortic bioprosthesis: experience from a large single-centre series. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 1691-8		12
458	Trends in Surgical Aortic Valve Replacement in More Than 3,000 Consecutive Cases in the Era of Transcatheter Aortic Valve Implantations. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2016</b> , 64, 382-9	1.6	18
457	Transcatheter Aortic Valve Implantation in Lower-Risk Patients With Aortic Stenosis: Is It Justified to Be the Preferred Treatment?. <b>2016</b> , 9, e002944		7
456	Transcatheter Valve-in-Valve Implantation for Failing Bioprosthetic Tricuspid Valves: Completing the Quest. <b>2016</b> , 133, 1537-9		2
455	Catheter Based Valve and Aortic Surgery. <b>2016</b> ,		1
454	Reoperative Surgical Aortic Valve Replacement Versus Transcatheter Valve-in-Valve Replacement for Degenerated Bioprosthetic Aortic Valves. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1452-1458	2.7	43
453	Mejora de la morbilidad postoperatoria en recambio valvular aórtico aislado con miniesternotomía: estudio pareado por puntuación de propensión. <b>2016</b> , 23, 229-233		
452	Asymptomatic severe aortic stenosis: challenges in diagnosis and management. <b>2016</b> , 102, 1168-76		8
451	Early and Midterm Clinical and Hemodynamic Outcomes of Transcatheter Valve-in-Valve Implantation: Results From a Multicenter Experience. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1966-1973	2.7	8
450	Pericardial Stentless Valve for Aortic Valve Replacement: Long-Term Results. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1956-1965	2.7	34
449	Characterization of immunogenic Neu5Gc in bioprosthetic heart valves. <b>2016</b> , 23, 381-92		45
448	Calcific aortic stenosis. <b>2016</b> , 2, 16006		341
447	Transcatheter Aortic Valve Implantation in Nonagenarians. <b>2016</b> , 11, 390-395		3
446	International Expert Consensus on Sutureless and Rapid Deployment Valves in Aortic Valve Replacement Using Minimally Invasive Approaches. <b>2016</b> , 11, 165-73		33

445	An Early Canadian Experience With the Correx Automated Coring and Apical Connector Device for Aortic Valve Bypass. <b>2016</b> , 11, 434-438		1
444	The relationship between chronic obstructive pulmonary disease and transcatheter aortic valve implantation--A systematic review and meta-analysis. <b>2016</b> , 87 Suppl 1, 570-8		23
443	Transfemoral valve-in-valve implantation for degenerated bioprosthetic aortic valves using the new balloon-expandable Edwards Sapien 3 valve. <b>2016</b> , 88, 636-643		10
442	Individualisierte Indikationsstellung für den isolierten Aortenklappenersatz. <b>2016</b> , 30, 218-224		
441	Multidetector computed tomography sizing of bioprosthetic valves: guidelines for measurement and implications for valve-in-valve therapies. <b>2016</b> , 71, e41-8		9
440	At the Root of the Repair Debate: Outcomes After Elective Aortic Root Replacements for Aortic Insufficiency With Aneurysm. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1199-205	2.7	3
439	Mid- to long-term outcome comparison of the Medtronic Hancock II and bi-leaflet mechanical aortic valve replacement in patients younger than 60 years of age: a propensity-matched analysis. <b>2016</b> , 22, 280-6		18
438	Comparison of Quality of Life Perceived by Patients with Bioprosthetic versus Mechanical Valves after Composite Aortic Root Replacement. <b>2016</b> , 133, 3-9		6
437	Transcatheter Replacement of Failed Bioprosthetic Valves: Large Multicenter Assessment of the Effect of Implantation Depth on Hemodynamics After Aortic Valve-in-Valve. <b>2016</b> , 9,		69
436	The Effect of Initiation of a Transcatheter Aortic Valve Replacement Program in the Treatment of Severe Aortic Stenosis. <b>2016</b> , 28, 353-360		2
435	Physical equivalency of wild type and galactose $\alpha$ 1,3 galactose free porcine pericardium; a new source material for bioprosthetic heart valves. <b>2016</b> , 41, 204-9		20
434	Aortic Valve Replacement in Children and Young Adults. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2871-3	15.1	6
433	Valve-in-valve transcatheter aortic valve implantation overcoming hostile anatomy: Evolut R for the treatment of Mitroflow bioprosthesis dysfunction. <b>2016</b> , 31, 292-5		
432	High Risk of Prosthetic Valve Endocarditis and Death After Valve Replacement Operations in Dialysis Patients. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 2217-23	2.7	8
431	Long-Term Durability of Carpentier-Edwards Magna Ease Valve: A One Billion Cycle In Vitro Study. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 1759-65	2.7	25
430	Mechanical Versus Bioprosthetic Aortic Valve Replacement in Middle-Aged Adults: A Systematic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 315-27	2.7	49
429	Modeling of transcatheter aortic valve replacement: Patient specific vs general approaches based on finite element analysis. <b>2016</b> , 69, 29-36		21
428	Aortic valve surgery and survival in patients with moderate or severe aortic stenosis and left ventricular dysfunction. <b>2016</b> , 37, 2276-86		39

427	Minimally invasive aortic valve replacement with sutureless valve is the appropriate treatment option for high-risk patients and the "real alternative" to transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 610-613	1.5	16
426	Activity and outcomes for aortic valve implantations performed in England and Wales since the introduction of transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 1164-73	3	12
425	Trends, Predictors, and Outcomes of Stroke After Surgical Aortic Valve Replacement in the United States. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 927-35	2.7	16
424	Does computed tomography detect bioprosthetic aortic valve thrombosis? New findings, new questions?. <b>2016</b> , 37, 2272-5		5
423	Management strategies and future challenges for aortic valve disease. <b>2016</b> , 387, 1312-23		51
422	Advances in the management of severe aortic stenosis. <b>2016</b> , 185, 309-17		
421	Sutureless valves: A future without sutures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 1627-8	1.5	3
420	Preoperative pulmonary function tests predict mortality after surgical or transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2016</b> , 151, 578-85, 586.e1-2	1.5	17
419	Cirurgia valvular aórtica mínimamente invasiva. <b>2016</b> , 23, 306-311		
418	The expanding indications of transcatheter aortic valve implantation. <b>2016</b> , 12, 209-19		4
417	Multimorbidity in Older Adults with Aortic Stenosis. <b>2016</b> , 32, 305-14		11
416	Impact of sinuses of Valsalva on prosthesis durability in patients undergoing ascending aorta and aortic valve replacement with Carpentier-Edwards bioprosthesis: a propensity score-based study. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 1676-84	3	3
415	Controlling the mechanical behavior of dual-material 3D printed meta-materials for patient-specific tissue-mimicking phantoms. <b>2016</b> , 90, 704-712		48
414	Electrical Modeling of an Isolated Surgical Aortic Valve Replacement for Microshock Risk Assessment. <b>2016</b> , 52, 570-579		
413	Minimally invasive aortic valve replacement with a sutureless valve through a right anterior mini-thoracotomy versus transcatheter aortic valve implantation in high-risk patients. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 960-5	3	45
412	Carotid Artery Stenosis in the Setting of Transcatheter Aortic Valve Replacement: Clinical and Technical Considerations of Carotid Stenting. <b>2016</b> , 86, 194-8		7
411	Hydrodynamic Performance of the Medtronic CoreValve and the Edwards SAPIEN XT Transcatheter Heart Valve in Surgical Bioprostheses: An In Vitro Valve-in-Valve Model. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 118-24	2.7	20
410	Sutureless, rapid deployment valves and stented bioprosthesis in aortic valve replacement: recommendations of an International Expert Consensus Panel. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 709-18	3	77

409	Options for Incidental Moderate Aortic Stenosis During Concomitant Valve Surgery: A Clinical Update for the Perioperative Echocardiographer. <b>2016</b> , 30, 252-7		
408	North American trial results at 1 year with the Sorin Freedom SOLO pericardial aortic valve. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 493-9; discussion 499	3	3
407	Propensity score analysis of outcomes following minimal access versus conventional aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 464-9; discussion 469-70	3	30
406	The Effect of Valve-in-Valve Implantation Height on Sinus Flow. <i>Annals of Biomedical Engineering</i> , <b>2017</b> , 45, 405-412	4.7	32
405	Hemodynamic Performance and Thrombogenic Properties of a Superhydrophobic Bileaflet Mechanical Heart Valve. <i>Annals of Biomedical Engineering</i> , <b>2017</b> , 45, 452-463	4.7	32
404	Bioprosthetic Heart Valves, Thrombosis, Anticoagulation, and Imaging Surveillance. <b>2017</b> , 10, 388-390		8
403	Comparison of Two Minimally Invasive Techniques and Median Sternotomy in Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 877-883	2.7	15
402	Bioprosthetic Valve Thrombosis. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2193-2211	15.1	96
401	Percutaneous Transcatheter Valve-in-Valve Implantation for Prosthetic Valve Disease-An Analysis of Evolving Data and Technology. <b>2017</b> , 31, 1527-1534		5
400	1-Year Results in Patients Undergoing Transcatheter Aortic Valve Replacement With Failed Surgical Bioprostheses. <b>2017</b> , 10, 1034-1044		72
399	Safety, effectiveness and haemodynamic performance of a new stented aortic valve bioprosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 425-431	3	18
398	Sutureless aortic bioprosthesis. <b>2017</b> , 25, 114-121		12
397	[Cardiac surgery in the elderly]. <b>2017</b> , 88, 110-115		5
396	The Ross procedure is the best operation to treat aortic stenosis in young and middle-aged adults. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 778-782	1.5	34
395	2017 ACC Expert Consensus Decision Pathway for Transcatheter Aortic Valve Replacement in the Management of Adults With Aortic Stenosis: A Report of the American College of Cardiology Task Force on Clinical Expert Consensus Documents. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 1313-1346	15.1	312
394	Transcatheter aortic valve implantation: where are we now?. <b>2017</b> , 13, 551-566		8
393	Aortic Valve Disease in the 2017 Focused Update: Questions Answered and Questions Raised. <b>2017</b> , 1, 151-154		
392	Transcatheter Valve Implantation in Degenerated Bioprosthetic Surgical Valves (ViV) in Aortic, Mitral, and Tricuspid Positions: A Review. <b>2017</b> , 1, 225-235		3

391	Current Treatment Strategies for Tricuspid Regurgitation. <b>2017</b> , 19, 106		4
390	Effects of remote ischemic preconditioning in patients with concentric myocardial hypertrophy: A randomized, controlled trial with molecular insights. <b>2017</b> , 249, 36-41		9
389	Impact of Cirrhosis in Patients Who Underwent Surgical Aortic Valve Replacement. <b>2017</b> , 120, 648-654		10
388	Real Structural Valve Deterioration of the Mitroflow Aortic Prosthesis: Competing Risk Analysis. <b>2017</b> , 70, 1074-1081		1
387	Prótesis sin sutura Perceval S en la cirugía valvular aórtica de alto riesgo. Una herramienta fundamental para el cirujano. <b>2017</b> , 24, 267-273		
386	La degeneración real de la prótesis aórtica Mitroflow: análisis con riesgos competitivos. <b>2017</b> , 70, 1074-1081		9
385	No rat poison for me. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 1542-1543	1.5	2
384	Aortic Bioprosthetic Valve Durability: Incidence, Mechanisms, Predictors, and Management of Surgical and Transcatheter Valve Degeneration. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1013-1028	15.1	159
383	National Trends and Outcomes in Isolated Tricuspid Valve Surgery. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2953-2960	15.1	252
382	Cardiovascular Surgery. 165-170		
381	Perioperative Stroke and Mortality After Surgical Aortic Valve Replacement: A Meta-Analysis. <b>2017</b> , 22, 227-233		5
380	Incidence, risk factors, clinical impact, and management of bioprosthesis structural valve degeneration. <b>2017</b> , 32, 123-129		47
379	Prognostic value of tricuspid regurgitation velocity and probability of pulmonary hypertension in patients undergoing transcatheter aortic valve implantation. <b>2017</b> , 33, 1931-1938		4
378	Herzchirurgie im Alter. <b>2017</b> , 20, 76-81		
377	Role of a heart valve clinic programme in the management of patients with aortic stenosis. <b>2017</b> , 18, 138-144		15
376	Conventional versus Transapical Aortic Valve Replacement: Is It Time for Shift in Indications?. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2017</b> , 65, 212-217	1.6	8
375	Meta-Analysis of Outcomes and Evolution of Pulmonary Hypertension Before and After Transcatheter Aortic Valve Implantation. <b>2017</b> , 119, 91-99		23
374	Interaction between renal function and percutaneous edge-to-edge mitral valve repair using MitraClip. <b>2017</b> , 69, 476-482		19



373	Asymptomatic Severe Aortic Stenosis in the Elderly. <b>2017</b> , 10, 43-50			39
372	Minimal access versus conventional aortic valve replacement: a meta-analysis of propensity-matched studies. <b>2017</b> , 25, 624-632			32
371	Rapid-deployment aortic valve replacement for severe aortic stenosis: 1-year outcomes in 150 patients. <b>2017</b> , 25, 68-74			6
370	Rapid Deployment Aortic Replacement (RADAR) Registry in Spain: a protocol. <b>2017</b> , 7, e011437			5
369	Comparison of the Long-Term Outcomes of Mechanical and Bioprosthetic Aortic Valves - A Propensity Score Analysis. <b>2017</b> , 81, 1198-1206			8
368	Early Safety and Efficacy of Transcatheter Aortic Valve Implantation for Asian Nonagenarians (from KMH Registry). <b>2017</b> , 58, 900-907			16
367	Quality of care assessment and improvement in aortic stenosis - rationale and design of a multicentre registry (IMPULSE). <b>2017</b> , 17, 5			9
366	Transcatheter Aortic Valve Replacement for Failed Surgical Bioprostheses: Insights from the PARTNER II Valve-in-Valve Registry on Utilizing Baseline Computed-Tomographic Assessment. <b>2017</b> , 1, 34-39			2
365	Comparison of periprocedural and mid-term stroke rates and outcomes between surgical aortic valve replacement and transcatheter aortic valve replacement patients. <i>Journal of Cardiovascular Surgery</i> , <b>2017</b> , 58, 591-597	0.7		1
364	Percutaneous coronary intervention followed by minimally invasive valve surgery compared with median sternotomy coronary artery bypass graft and valve surgery in patients with prior cardiac surgery. <i>Journal of Thoracic Disease</i> , <b>2017</b> , 9, S575-S581	2.6		0
363	Optimization and simplification of transcatheter aortic valve implantation therapy. <b>2018</b> , 16, 287-296			8
362	Calcific Aortic Valve Disease: a Developmental Biology Perspective. <b>2018</b> , 20, 21			34
361	Valve-in-valve transcatheter aortic valve implantation with CoreValve/Evolut R for degenerated small versus bigger bioprostheses. <b>2018</b> , 31, 384-390			9
360	Meta-Analysis of Transcatheter Valve-in-Valve Implantation Versus Redo Aortic Valve Surgery for Bioprosthetic Aortic Valve Dysfunction. <b>2018</b> , 121, 1593-1600			30
359	Association of Timing of Aortic Valve Replacement Surgery After Stroke With Risk of Recurrent Stroke and Mortality. <b>2018</b> , 3, 506-513			7
358	Combined carotid endarterectomy and transcatheter aortic valve replacement: Technique and outcomes. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 265-269	1.3		4
357	Root Replacement with Biological Valved Conduits. <b>2018</b> , 181-197			
356	Redo Surgery for Aortic Valve and Root: Demographics and Operative Options. <b>2018</b> , 225-235			



355	Right Anterior Mini-Thoracotomy for Aortic Valve Replacement. <b>2018</b> , 259-273		
354	Risk Assessment. <b>2018</b> , 367-392		
353	Technique and Patient Selection Criteria of Right Anterior Mini-Thoracotomy for Minimal Access Aortic Valve Replacement. <b>2018</b> ,		
352	Anticoagulation Management After Transcatheter and Surgical Valve Replacement. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2018</b> , 20, 42	2.1	3
351	Comparative performance of transcatheter aortic valve-in-valve implantation versus conventional surgical redo aortic valve replacement in patients with degenerated aortic valve bioprostheses: systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 495-504	3	40
350	Biological aortic valve replacement: advantages and optimal indications of stentless compared to stented valve substitutes. A review. <b>2018</b> , 66, 247-256		4
349	Valve in Valve for Failed Surgical Bioprostheses: Not for Everyone!. <b>2018</b> , 11, 142-144		1
348	A human pericardium biopolymeric scaffold for autologous heart valve tissue engineering: cellular and extracellular matrix structure and biomechanical properties in comparison with a normal aortic heart valve. <b>2018</b> , 29, 599-634		2
347	Trends in Aortic Valve Replacement Procedures Between 2009 and 2015: Has Transcatheter Aortic Valve Replacement Made a Difference?. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1137-1143	2.7	44
346	Sex-related Differences in Calcific Aortic Valve Stenosis: Pathophysiology, Epidemiology, Etiology, Diagnosis, Presentation, and Outcomes. <b>2018</b> , 2, 102-113		4
345	Conventional Aortic Valve Surgery (Open Surgical Approaches). <b>2018</b> , 257-275		
344	Mechanisms of aortic stenosis. <b>2018</b> , 71, 215-220		31
343	Long-Term Outcomes Following Surgical Aortic Bioprosthesis Implantation. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 1401-1412	15.1	38
342	A novel tissue treatment to reduce mineralization of bovine pericardial heart valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 197-206	1.5	17
341	Morphology, Clinicopathologic Correlations, and Mechanisms in Heart Valve Health and Disease. <b>2018</b> , 9, 126-140		15
340	Effects on human heart valve immunogenicity in vitro by high concentration cryoprotectant treatment. <b>2018</b> , 12, e1046-e1055		6
339	Transinnominate approach for transcatheter aortic valve replacement: single-centre experience of minimally invasive alternative access. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 53, 545-551	3	4
338	Aortic Valve Replacement With Perceval Bioprosthesis: Single-Center Experience With 617 Implants. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 40-46	2.7	29

337	Hemodynamic Evaluation of a Biological and Mechanical Aortic Valve Prosthesis Using Patient-Specific MRI-Based CFD. <b>2018</b> , 42, 49-57		22
336	Future of transcatheter aortic valve implantation - evolving clinical indications. <b>2018</b> , 15, 57-65		47
335	Bioprosthetic aortic valve replacement: Revisiting prosthesis choice in patients younger than 50 years old. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 539-547.e9	1.5	32
334	Surgical Enlargement of the Aortic Root Does Not Increase the Operative Risk of Aortic Valve Replacement. <b>2018</b> , 137, 1585-1594		42
333	Impact of chronic obstructive pulmonary disease and frailty on long-term outcomes and quality of life after transcatheter aortic valve implantation. <b>2018</b> , 30, 1033-1040		7
332	Valve durability after transcatheter aortic valve implantation. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S3629-S3634		34
331	Early structural degeneration of Mitroflow aortic valve: another issue in addition to the mismatch?. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, E270-E274	2.6	1
330	Pre-procedural risk models for patients undergoing transcatheter aortic valve implantation. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S3560-S3567	2.6	4
329	Stented Versus Stentless Aortic Valve Replacement in Patients With Small Aortic Root: A Systematic Review and Meta-Analysis. <b>2018</b> , 13, 404-416		7
328	Early structural valve deterioration and reoperation associated with the mitroflow aortic valve. <i>Journal of Cardiac Surgery</i> , <b>2018</b> , 33, 778-786	1.3	4
327	Preoperative Venoarterial Extracorporeal Membrane Oxygenation Slashes Risk Score in Advanced Structural Heart Disease. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 1709-1715	2.7	13
326	Ross Procedure in Adults for Cardiologists and Cardiac Surgeons: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2761-2777	15.1	67
325	Deciphering the Unknowns of Stroke After Aortic Valve Interventions. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2427-2430	15.1	
324	Complementary Role of the Computed Biomodelling through Finite Element Analysis and Computed Tomography for Diagnosis of Transcatheter Heart Valve Thrombosis. <b>2018</b> , 2018, 1346308		7
323	Complexities of transcatheter mitral valve replacement (TMVR) and why it is not transcatheter aortic valve replacement (TAVR). <b>2018</b> , 7, 724-730		24
322	Transcatheter valve-in-valve for failing bioprosthetic aortic valve: Usually a good idea. <b>2018</b> , 92, 1412-1413		
321	Conventional redo biological valve replacement over 20 years: Surgical benchmarks should guide patient selection for transcatheter valve-in-valve therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 1380-1390.e1	1.5	7
320	Long-Term Outcomes After Transcatheter Aortic Valve-in-Valve Replacement. <b>2018</b> , 11, e007038		26

319	Sudden death after valve-in-valve procedure due to delayed coronary obstruction: a case report. <b>2018</b> , 12, 247		1
318	Experimental Designs for In Vitro Assessment of Valve Thrombosis. <b>2018</b> , 405-420		
317	Impact of type 2 diabetes mellitus in the utilization and in-hospital outcomes of surgical aortic valve replacement in Spain (2001-2015). <b>2018</b> , 17, 135		11
316	Aortic Valve Replacement in Patients With Congestive Heart Failure. <b>2018</b> , 143-161		
315	Multimarker Approach to Identify Patients With Higher Mortality and Rehospitalization Rate After Surgical Aortic Valve Replacement for Aortic Stenosis. <b>2018</b> , 11, 2172-2181		15
314	Antithrombotic Therapy after Bioprosthetic Aortic Valve Replacement: A Therapeutic Morass. <b>2018</b> , 140, 213-221		2
313	Bioprosthetic Valve Thrombosis while on a Novel Oral Anticoagulant for Atrial Fibrillation. <b>2018</b> , 2, 54-58		1
312	Valve in valve transcatheter aortic valve implantation (ViV-TAVI) versus redo-Surgical aortic valve replacement (redo-SAVR): A systematic review and meta-analysis. <b>2018</b> , 31, 661-671		53
311	Subclinical leaflet thrombosis following transcatheter aortic valve replacement. <b>2018</b> , 31, 640-647		22
310	How to treat severe symptomatic structural valve deterioration of aortic surgical bioprosthesis: transcatheter valve-in-valve implantation or redo valve surgery?. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2018</b> , 54, 977-985	3	7
309	Advances in Treatments for Aortic Valve and Root Diseases. <b>2018</b> ,		1
308	Transcatheter aortic valve-in-valve implantation in failed stentless bioprostheses. <b>2018</b> , 31, 861-869		10
307	Hemodynamic Deterioration of Surgically Implanted Bioprosthetic Aortic Valves. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 241-251	15.1	42
306	Aortic Valve Disease. <b>2018</b> , 378-383		
305	Isolated Mitral Valve Surgery: The Society of Thoracic Surgeons Adult Cardiac Surgery Database Analysis. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 716-727	2.7	114
304	Bioprosthetic aortic valve durability in the era of transcatheter aortic valve implantation. <b>2018</b> , 104, 1323-1332	46	
303	Quality of life, satisfaction and outcomes after ministernotomy versus full sternotomy isolated aortic valve replacement (QUALITY-AVR): study protocol for a randomised controlled trial. <b>2018</b> , 19, 114		4
302	Minimally invasive aortic valve replacement with sutureless valves. <b>2018</b> , 34, 160-164		1

301	Age-dependent morbidity and mortality outcomes after surgical aortic valve replacement. <b>2018</b> , 27, 650-656		4
300	Mortality prediction after transcatheter treatment of failed bioprosthetic aortic valves utilizing various international scoring systems: Insights from the Valve-in-Valve International Data (VIVID). <b>2018</b> , 92, 1163-1170		5
299	Intraoperative displacement of a Perceval sutureless prosthesis. <b>2019</b> , 67, 633-636		1
298	An Anesthesiologist's Guide to the 2017 American College of Cardiology Expert Consensus Decision Pathway for Transcatheter Aortic Valve Replacement in the Management of Adults with Aortic Stenosis. <b>2019</b> , 33, 263-273		2
297	Burden of Tricuspid Regurgitation in 'Patients Diagnosed in the Community' Setting. <b>2019</b> , 12, 433-442		174
296	Changing trends in aortic valve procedures over the past ten years-from mechanical prosthesis via stented bioprosthesis to TAVI procedures-analysis of 50,846 aortic valve cases based on a Polish National Cardiac Surgery Database. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 2340-2349	2.6	12
295	Aortic valve replacement surgery improves the quality of life of octogenarians with severe aortic stenosis. <b>2019</b> , 38, 251-258		1
294	Transcatheter Valve-in-Valve Vs Surgical Replacement of Failing Stented Aortic Biological Valves. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 424-430	2.7	27
293	Frailty in the Cardiac Surgical Patient: Comparison of Frailty Tools and Associated Outcomes. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 16-22	2.7	15
292	Valve-in-Valve TAVR: State-of-the-Art Review. <b>2019</b> , 14, 299-310		22
291	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 430-431	2.7	
290	Transcatheter Mitral Valve Replacement in the Transcatheter Aortic Valve Replacement Era. <b>2019</b> , 8, e013352		29
289	Incidence and causes of pacemaker implantation during postoperative period of aortic valve replacement with rapid deployment prosthesis. <b>2019</b> , 42, 1534-1540		1
288	Aortic Valve Stenosis Treatment 'Disparities in the Underserved: JACC Council Perspectives. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 2313-2321	15.1	12
287	Outcomes following bioprosthetic valve replacement in prior non-cardiac transplant recipients. <b>2019</b> , 33, e13720		1
286	Balloon Valve Fracture at the Time of Valve-in-Valve Transcatheter Aortic Valve Replacement: Ex Vivo Modeling and Clinical Implications. <b>2019</b> , 12, 76-77		0
285	Current Generation Balloon-Expandable Transcatheter Valve Positioning Strategies During Aortic Valve-in-Valve Procedures and Clinical Outcomes. <b>2019</b> , 12, 1606-1617		5
284	Mechanical considerations for polymeric heart valve development: Biomechanics, materials, design and manufacturing. <b>2019</b> , 225, 119493		25

283	Intermediate-term outcomes after aortic valve replacement with a novel RESILIA tissue bioprosthesis. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 3039-3046	2.6	13
282	Incremental Risk of Annular Enlargement: A Multi-Institutional Cohort Study. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1752-1759	2.7	11
281	Clinical Prediction Models for Valvular Heart Disease. <b>2019</b> , 8, e011972		7
280	Aortic Valve Surgery in Nonelderly Patients: Insights Gained From AVIATOR. <b>2019</b> , 31, 643-649		4
279	Surgical aortic valve replacement improves the quality of life of octogenarians with severe aortic stenosis. <b>2019</b> , 38, 251-258		6
278	Mesothelial cell transplantation: history, challenges and future directions. <b>2016</b> , 1, 135-143		3
277	Aortic Regurgitation. <b>2019</b> , 21, 65		11
276	Treatment Challenges in Patients with Acute Heart Failure and Severe Aortic Valve Stenosis. <b>2019</b> , 21, 47		3
275	Hemodynamic Performances and Clinical Outcomes in Patients Undergoing Valve-in-Valve Versus Native Transcatheter Aortic Valve Implantation. <b>2019</b> , 124, 90-97		8
274	Reemplazo valvular aórtico con bioprótesis sin sutura Perceval S: experiencia de un solo centro. <b>2019</b> , 26, 92-97		
273	Single-session double valve replacement: TAVI+tricuspid valve-in-valve procedures. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 518-521	1.3	1
272	Detection and Prediction of Bioprosthetic Aortic Valve Degeneration. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1107-1119	15.1	52
271	Sodium Fluoride PET and Aortic Bioprosthetic Valve Degeneration: Implications for Patient Diagnosis, Management, and Treatment. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1120-1122	15.1	
270	Aortic Stenosis and Transcatheter Aortic Valve Implantation: Current Status and Future Directions in Korea. <b>2019</b> , 49, 283-297		3
269	Valve choices: No free lunch. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 553-554	1.5	1
268	Trifecta Aortic Bioprosthesis: Midterm Results in 1,953 Patients From a Single Center. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 1356-1362	2.7	35
267	Self-expanding transcatheter aortic valve implantation for degenerated Mitroflow bioprosthesis: Early outcomes. <b>2019</b> , 287, 53-58		5
266	Transcatheter aortic valve replacement in failed surgical valves. <b>2019</b> , 105, s38-s43		7

265	Sutureless aortic valve prostheses. <b>2019</b> , 105, s16-s20		10
264	Propensity score-matched analysis of patients with severe aortic stenosis undergoing surgical aortic valve replacement. <b>2019</b> , 6, e000992		3
263	Hypoxia Stimulates Synthesis of Neutrophil Gelatinase-Associated Lipocalin in Aortic Valve Disease. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 156	5.4	6
262	Hemocompatibility and safety of the Carmat Total Artificial Heart hybrid membrane. <b>2019</b> , 5, e02914		5
261	Biomarkers of aortic bioprosthetic valve structural degeneration. <b>2019</b> , 34, 132-139		6
260	Update in the Evaluation and Management of Perioperative Stroke. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2019</b> , 21, 76	2.1	5
259	Aortic valve replacement with pulmonary hypertension: Meta-analysis of 70 676 patients. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 1617-1625	1.3	1
258	Early detection of transcatheter heart valve dysfunction. <b>2019</b> , 17, 863-872		2
257	Postimplant biological aortic prosthesis degeneration: challenges in transcatheter valve implants. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 191-200	3	4
256	Structural valve deterioration of bioprosthetic aortic valves: An underestimated complication. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 1383-1390.e5	1.5	9
255	Impact of Dialysis on the Prognosis of Patients Undergoing Transcatheter Aortic Valve Implantation. <b>2019</b> , 123, 315-322		8
254	Outcomes after extracorporeal life support for postcardiotomy cardiogenic shock. <i>Journal of Cardiac Surgery</i> , <b>2019</b> , 34, 74-81	1.3	6
253	Analysis of Neurologic Complications After Surgical Versus Transcatheter Aortic Valve Replacement. <b>2019</b> , 33, 3182-3195		2
252	Bioprosthesis in young patients: A reality or a fantasy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 894-895	1.5	
251	Anesthesiologic Management of Patients Undergoing Cardiac Transapical Procedures: Which Challenges in the Modern Era?. <b>2019</b> , 33, 1883-1889		1
250	Thirty-year experience with a bileaflet mechanical valve prosthesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 213-222	1.5	10
249	Impact of Sex on the Outcome of Isolated Aortic Valve Replacement and the Role of Different Preoperative Profiles. <b>2019</b> , 33, 1237-1243		5
248	Minimally Invasive Aortic Valve Replacement Via Right Anterior Mini-Thoracotomy: Propensity Matched Initial Experience. <b>2019</b> , 28, 320-326		4

247	Randomized (CO)mparison of (TRI)fecta and (P)erimount Magna Ease Supraannular Aortic Xenografts-CO.TRI.P Study. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2019</b> , 67, 266-273	1.6	1
246	Transcatheter Aortic Valve Replacement: Role of Multimodality Imaging in Common and Complex Clinical Scenarios. <b>2020</b> , 13, 124-139		9
245	Fracture of small Mitroflow <sup>®</sup> aortic bioprosthesis following valve-in-valve transcatheter aortic valve replacement with ACURATE neo valve-From bench testing to clinical practice. <b>2020</b> , 95, E120-E122		3
244	Selection of prosthetic aortic valves in the United States among elderly Medicare patients from 2006 to 2015. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> ,	1.5	2
243	Impact of COPD on outcomes in hospitalized patients treated with transcatheter aortic valve implantation or surgical aortic valve replacement in Spain. <b>2020</b> , 95, 339-347		2
242	Commentary: Is there a carbon tax on prosthetic heart valves?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> ,	1.5	
241	Effect of Publicly Reported Aortic Valve Surgery Outcomes on Valve Surgery in Injection Drug- and Non-Injection Drug-Associated Endocarditis. <b>2020</b> , 71, 480-487		6
240	Safety, efficacy, and hemodynamic performance of a stented bovine pericardial aortic valve bioprosthesis: Two-year analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 160, 371-381.e4	1.5	6
239	A risk prediction model in asymptomatic patients with severe aortic stenosis: CURRENT-AS risk score. <b>2020</b> , 6, 166-174		6
238	Preoperative predictors of new-onset prolonged atrial fibrillation after surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 1407-1414	1.5	9
237	Meta-Analysis Comparing Results of Transcatheter Versus Surgical Aortic-Valve Replacement in Patients With Severe Aortic Stenosis. <b>2020</b> , 125, 449-458		6
236	Heart Valve Disease. <b>2020</b> ,		2
235	Patient Risk Factors for Bioprosthetic Aortic Valve Degeneration: A Systematic Review and Meta-Analysis. <b>2020</b> , 29, 668-678		10
234	Sex Differences in the Pathophysiology, Diagnosis, and Management of Aortic Stenosis. <b>2020</b> , 38, 129-138		7
233	The Ten Commandments of Aortic Valve-in-Valve. <b>2020</b> , 15, 397-405		
232	The Prospects of Secondary Moderate Mitral Regurgitation after Aortic Valve Replacement -Meta-Analysis. <b>2020</b> , 17,		1
231	Association of Bioprosthetic Aortic Valve Leaflet Calcification on Hemodynamic and Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1737-1748	15.1	4
230	Valve-in-Valve Transcatheter Aortic Valve Replacement: A Review of Procedural Details, Safety, and Clinical Implications. <b>2020</b> , 28, 291-294		4



229	Severe, Symptomatic Aortic Stenosis: an Update on the Diagnostic and Treatment Tools in Our Arsenal. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2020</b> , 22, 1	2.1	
228	Long-term Outcomes Following Mechanical or Bioprosthetic Aortic Valve Replacement in Young Women. <b>2020</b> , 2, 514-521		0
227	How to Decide Between a Bioprosthetic and Mechanical Valve. <b>2021</b> , 37, 1121-1123		3
226	Cardiac surgery in the time of the novel coronavirus: Why we should think to a new normal. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 1761-1764	1.3	1
225	In Vitro Study of a Stentless Aortic Bioprosthesis Made of Bacterial Cellulose. <b>2020</b> , 11, 646-654		2
224	Isolated aortic valve replacement in Spain: national trends in risks, valve types, and mortality from 1998 to 2017. <b>2021</b> , 74, 700-707		1
223	Right anterior mini-thoracotomy and sutureless valves: the perfect marriage. <b>2020</b> , 9, 305-313		6
222	Prosthesis-patient mismatch after surgical aortic valve replacement in patients with aortic stenosis. <b>2020</b> , 31, 152-157		1
221	Transcatheter Valve-in-Valve Aortic Valve Replacement as an Alternative to Surgical Re-Replacement. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 489-499	15.1	45
220	Benefits of rapid deployment aortic valve replacement with a mini upper sternotomy. <i>Journal of Cardiothoracic Surgery</i> , <b>2020</b> , 15, 226	1.6	2
219	The sutureless and rapid-deployment aortic valve replacement international registry: lessons learned from more than 4,500 patients. <b>2020</b> , 9, 289-297		5
218	Long-term outcomes of sutureless and rapid-deployment aortic valve replacement: a systematic review and meta-analysis. <b>2020</b> , 9, 265-279		14
217	Six-year follow-up of aortic valve reoperation rates: Carpentier-Edwards Perimount versus St. Jude Medical Triecta. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 3347-3353	1.3	5
216	Structural Valve Degeneration in the Era of Transcatheter Aortic Valve Replacement. <b>2020</b> , 2, 2166-2168		
215	Commentary: How old is too old for the Ross procedure?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	
214	F-Sodium Fluoride (F-NaF) for Imaging Microcalcification Activity in the Cardiovascular System. <b>2020</b> , 40, 1620-1626		6
213	Transcatheter aortic valve implantation: how to decrease post-operative complications. <b>2020</b> , 22, E148-E152		3
212	Sex-related differences in the response to exercise testing in asymptomatic aortic stenosis. <b>2020</b> , 304, 128-129		



211	Contemporary issues in severe aortic stenosis: review of current and future strategies from the Contemporary Outcomes after Surgery and Medical Treatment in Patients with Severe Aortic Stenosis registry. <b>2020</b> , 106, 802-809		3
210	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. <b>2020</b> , 41, 2731-2742		46
209	Long-term durability of bioprosthetic valves in pulmonary position: Pericardial versus porcine valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 160, 476-484	1.5	11
208	Surgically implanted aortic valve bioprostheses deform after implantation: insights from computed tomography. <b>2020</b> , 30, 2651-2657		1
207	Recent advances in devices for minimally invasive aortic valve replacement. <b>2020</b> , 17, 201-208		5
206	Commentary: Aortic stenosis in young patients-planning a lifetime of aortic valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 548-549	1.5	2
205	The impact of age on patients undergoing aortic arch surgery: Evidence from a multicenter national registry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 759-766.e1	1.5	6
204	Causes and characteristics associated with early and late readmission after open-heart valve surgery. <i>Journal of Cardiac Surgery</i> , <b>2020</b> , 35, 747-754	1.3	2
203	4D Flow MRI hemodynamic benchmarking of surgical bioprosthetic valves. <b>2020</b> , 68, 18-29		1
202	Full Issue PDF. <b>2020</b> , 13, I-CLXXXIX		
201	Safety and Haemodynamic Outcomes of Currently Available Suture-less Aortic Valves in Patients With Aortic Stenosis: A Meta-Analysis. <b>2020</b> , 29, 1301-1309		1
200	Meta-analysis Comparing Valve-In-Valve Transcatheter Aortic Valve Implantation With Self-Expanding Versus Balloon-Expandable Valves. <b>2020</b> , 125, 1558-1565		8
199	A Finite Element Analysis Study from 3D CT to Predict Transcatheter Heart Valve Thrombosis. <b>2020</b> , 10,		11
198	Valve-in-valve transcatheter aortic valve implantation after failed surgically implanted aortic bioprosthesis versus native transcatheter aortic valve implantation for aortic stenosis: Data from a nationwide analysis. <b>2021</b> , 114, 41-50		3
197	Durability and Performance of 2298 Trifecta Aortic Valve Prostheses: A Propensity-Matched Analysis. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 1198-1205	2.7	19
196	Minimally invasive aortic valve replacement with sutureless bioprosthesis through right minithoracotomy with completely central cannulation-Early results in 203 patients. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 558-564	1.3	4
195	Commentary: Is a novel bioprosthetic valve durable? Time will tell. <b>2021</b> , 5, 46-47		
194	The impact of surgical aortic valve replacement on quality of life-a multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 1204-1210.e7	1.5	7

193	J-shaped sternotomy in aortic valve repair and ascending aorta replacement. Short-term results. <b>2021</b> , 22, 75-82		
192	Mitral Valve-In-Valve: Defining the Indication Limits by Hydrodynamic Tests in a Brazilian Transcatheter Prosthesis. <b>2021</b> , 36, 752-759		
191	Endovascular snare technique to facilitate delivery of self-expanding valve during transcatheter aortic valve-in-valve replacement in angulated aortas: A case series. <b>2021</b> , 97, 736-742		0
190	Mid-term clinical and haemodynamic results after aortic valve replacement with the Trifecta bioprosthesis. <b>2021</b> ,		0
189	Endocarditis in Patients with Aortic Valve Prosthesis: Comparison between Surgical and Transcatheter Prosthesis. <b>2021</b> , 10,		2
188	Repeat surgical aortic valve replacement: Don't stick a fork in it just yet. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
187	Early Aortic Valve Replacement vs. Conservative Management in Asymptomatic Severe Aortic Stenosis Patients With Preserved Ejection Fraction: A Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 621149	5.4	1
186	Long-term outcomes of aortic root operations in the United States among Medicare beneficiaries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	5
185	Commentary: Trifecta valve: Does a word of caution prevail?. <b>2021</b> , 5, 21-22		0
184	Valve-in-valve transcatheter aortic valve replacement versus redo surgical valve replacement for degenerated bioprosthetic aortic valve: An updated meta-analysis comparing midterm outcomes. <b>2021</b> , 97, 1481-1488		3
183	Elective versus urgent in-hospital transcatheter aortic valve implantation. <b>2021</b> , 98, 170-175		1
182	Radiation-Induced Vascular Disease-A State-of-the-Art Review. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 652761	5.4	4
181	Minimally invasive aortic valve surgery. <i>Journal of Thoracic Disease</i> , <b>2021</b> , 13, 1945-1959	2.6	1
180	Degenerated Aortic Bioprosthesis. <b>2021</b> , 129-138		
179	Commentary: The Ross procedure: One surgeon's journey toward mastery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 918-919	1.5	
178	The Current Perspectives in Valve-in-Valve Transcatheter Aortic Valve Replacement.		
177	In-Human Implantation of a Novel Biologic Valved Conduit for Aortic Root Replacement. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	
176	Transcatheter Aortic Valve Implantation for Failed Surgical Aortic Bioprostheses Using a Self-Expanding Device (from the Prospective VIVA Post Market Study). <b>2021</b> , 144, 118-124		

175	African American-Caucasian American differences in aortic valve replacement in patients with severe aortic stenosis. <b>2021</b> , 234, 111-121		1
174	Sutureless Valve in Repeated Aortic Valve Replacement: Results from an International Prospective Registry. <b>2021</b> , 16, 273-279		0
173	Challenging Anatomies for TAVR-Bicuspid and Beyond. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 654554	4	4
172	The impact of patient-prosthesis mismatch on early and long-term survival after aortic replacement with the Edwards Perimount valve: A propensity score-matched analysis. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 2269-2276	1.3	1
171	Long-term Clinical and Echocardiographic Outcomes in Young and Middle-aged Adults Undergoing the Ross Procedure. <b>2021</b> , 6, 539-548		11
170	A computational study of the hemodynamics of bioprosthetic aortic valves with reduced leaflet motion. <b>2021</b> , 120, 110350		4
169	Right anterior mini thoracotomy approach for isolated aortic valve replacement: Early outcomes at a Canadian center. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 2365-2372	1.3	1
168	Commentary: A surgeon's view of an engineer's data. <b>2021</b> , 6, 84		0
167	Recent progress in biomaterials for heart valve replacement: Structure, function, and biomimetic design. 20200142		1
166	Impact of sex on the management and outcome of aortic stenosis patients: a female aortic valve stenosis paradox, and a call for personalized treatments?. <b>2021</b> , 42, 2692-2694		1
165	Transcatheter Versus Surgical Aortic Valve Replacement in Young, Low-Risk Patients With Severe Aortic Stenosis. <b>2021</b> , 14, 1169-1180		4
164	Variability of Mechanical or Tissue Valve Implantation in Patients Undergoing Surgical Aortic Valve Replacement in Spain: National Retrospective Analysis from 2007 to 2018. <b>2021</b> , 10,		0
163	Sex and Race Differences in the Pathophysiology, Diagnosis, Treatment, and Outcomes of Valvular Heart Diseases. <b>2021</b> , 37, 980-991		6
162	Transcatheter therapies for secondary mitral regurgitation in advanced heart failure: what are we aiming for?. <b>2021</b> , 1		0
161	A novel alternative: transapical transcatheter mitral valve-in-valve implantation using J-Valve for failed bioprosthesis. <i>Journal of Thoracic Disease</i> , <b>2021</b> , 13, 5055-5063	2.6	0
160	Trends in redo mitral procedure for treating mitral bioprostheses failure: a single center's experience. <b>2021</b> , 9, 1306		0
159	Considerations for carotid artery disease management in a frail population. <b>2021</b> , 152, 111426		
158	Transcatheter valve-in-valve implantation for degenerated stentless aortic bioprosthesis. <b>2021</b> , 10, 641-650		

157	Trifecta versus perimount bioprosthesis for surgical aortic valve replacement; systematic review and meta-analysis. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 4335-4342	1.3	1
156	Comparison of Outcomes of Asymptomatic Moderate Aortic Stenosis With Preserved Left Ventricular Ejection Fraction in Patients ≥80 Years Versus 70-79 Years Versus . <b>2021</b> , 157, 93-100		3
155	Quality of Life After Ministernotomy Versus Full Sternotomy Aortic Valve Replacement. <b>2021</b> , 33, 328-334		4
154	Minimally Invasive Aortic Valve Surgery. <b>2020</b> , 421-428		1
153	Treatment decision for transcatheter aortic valve implantation: the role of the heart team : Position statement paper of the Dutch Working Group of Transcatheter Heart Interventions. <b>2020</b> , 28, 229-239		7
152	Valvular Heart Disease. <b>2012</b> , 1468-1539		12
151	Minimally invasive surgical aortic valve replacement. <b>2019</b> , 105, s10-s15		12
150	International Expert Consensus on Sutureless and Rapid Deployment Valves in Aortic Valve Replacement Using Minimally Invasive Approaches. <b>2016</b> , 11, 165-173		2
149	Long-Term Outcomes of the Mosaic Aortic Porcine Bioprosthesis in Japan - Results From the Japan Mosaic Valve Long-Term Multicenter Study. <b>2020</b> , 84, 1261-1270		1
148	Recent advances in aortic valve replacement. <b>2019</b> , 8,		10
147	Recent advances in aortic valve replacement for aortic stenosis. <b>2016</b> , 5,		6
146	Transcatheter Aortic Valve-in-Valve Procedure in Patients with Bioprosthetic Structural Valve Deterioration. <b>2017</b> , 13, 132-141		19
145	Transcatheter Aortic Valve Replacement: a Kidney's Perspective. <b>2016</b> , 5, 1-7		35
144	Review of Minimally Invasive Aortic Valve Surgery. <b>2015</b> , 10, 144-148		8
143	Optimising the Haemodynamics of Aortic Valve-in-valve Procedures. <b>2017</b> , 12, 40-43		4
142	Aortic valve replacement in elderly and advanced age patients: analysis of preoperative risk factors. <b>2019</b> , 7, 24-35		3
141	Use of extracorporeal membranous oxygenator in transcatheter aortic valve replacement. <b>2016</b> , 4, 306		16
140	National Trends in Utilization and In-Hospital Outcomes of Surgical Aortic Valve Replacements in Spain, 2001-2015. <b>2020</b> , 35, 65-74		1

139	Update of the Brazilian Guidelines for Valvular Heart Disease - 2020. <b>2020</b> , 115, 720-775		7
138	Transcatheter valve-in-valve implantation versus reoperative conventional aortic valve replacement: a systematic review. <i>Journal of Thoracic Disease</i> , <b>2016</b> , 8, E83-93	2.6	31
137	Sutureless aortic valve replacement: a systematic review and meta-analysis. <b>2015</b> , 4, 100-11		92
136	Minimally invasive aortic valve surgery: state of the art and future directions. <b>2015</b> , 4, 26-32		55
135	Optimal structure of TAVI heart centres in 2018. <b>2018</b> , 14, AB11-AB18		1
134	Thirty-day outcomes of a novel transcatheter heart valve to treat degenerated surgical valves: the VIVALL multicentre, single-arm, pilot study. <b>2019</b> , 15, e757-e763		9
133	Balloon-expandable valves for degenerated mitral xenografts or failing surgical rings. <b>2014</b> , 10, 260-8		24
132	Transcatheter valve-in-valve implantation for failing prosthetic valves. <b>2014</b> , 10, 900-2		9
131	In vitro evaluation of valve-in-valve combinations using a SAPIEN XT valve implanted within PERIMOUNT and Magna Ease pericardial bioprostheses. <b>2016</b> , 11, e1291-301		1
130	Redo TAVI: initial experience at two German centres. <b>2016</b> , 12, 875-82		18
129	In vitro evaluation of implantation depth in valve-in-valve using different transcatheter heart valves. <b>2016</b> , 12, 909-17		37
128	An interdisciplinary debate initiated by the European Society of Cardiology Working Group on Valvular Heart Disease. <b>2012</b> , 7, 1257-74		7
127	Failing surgical bioprosthesis in aortic and mitral position. <b>2013</b> , 9 Suppl, S77-83		3
126	Mass reduction and functional improvement of the left ventricle after aortic valve replacement for degenerative aortic stenosis. <b>2011</b> , 44, 399-405		4
125	Myocardial injury following aortic valve replacement for severe aortic stenosis: risk factor of postoperative myocardial injury and its impact on long-term outcomes. <b>2014</b> , 47, 233-9		6
124	Mechanical versus Tissue Aortic Prosthesis in Sexagenarians: Comparison of Hemodynamic and Clinical Outcomes. <b>2018</b> , 51, 100-108		3
123	Aortic Valve Replacement for Aortic Stenosis in Elderly Patients (75 Years or Older). <b>2018</b> , 51, 322-327		1
122	Association of blood transfusion with acute kidney injury after transcatheter aortic valve replacement: A meta-analysis. <b>2016</b> , 5, 482-8		15

- 121 Aortic Valve Replacement: Treatment by Sternotomy versus Minimally Invasive Approach. **2016**, 31, 422-427 6
- 120 Outcomes of sutureless aortic valve replacement versus conventional aortic valve replacement and transcatheter aortic valve replacement, updated systematic review, and meta-analysis. *Journal of Cardiac Surgery*, **2021**, 36, 4734-4742 1.3 0
- 119 Surgical aortic valve replacement in the modern era: Insights from the French Registry EPICARD. *Journal of Cardiac Surgery*, **2021**, 36, 4573-4581 1.3
- 118 Premature Structural Failure of Trifecta Bioprosthesis in Midterm Follow-up: A Single-Center Study. *Annals of Thoracic Surgery*, **2021**, 112, 1424-1431 2.7 6
- 117 20-Year durability of bioprostheses in the aortic position. **2010**, 463-469
- 116 Choice of the Optimal Valve for Replacement. **2010**, 81-101
- 115 Results of Heart Valve Surgery. **2010**, 397-401
- 114 Prevention strategies for cardioembolic stroke: present and future perspectives. **2010**, 4, 56-63 7
- 113 Principles of Geriatric Surgery. **2011**, 25-42
- 112 Valvular heart disease: Patient needs and practice guidelines. **2011**, 2011, 5
- 111 Almanac 2012: Adult cardiac surgery: The national society journals present selected research that has driven recent advances in clinical cardiology. **2013**, 32, 175-182
- 110 Almanac 2012: Adult cardiac surgery. **2013**, 83, 64-71
- 109 Two Alternative Sutureless Strategies for Aortic Valve Replacement. **2013**, 8, 253-257
- 108 Native and Prosthetic Valve Stenosis. **2014**, 115-128
- 107 Transcatheter Aortic Valve Replacement: Current Evidence from Large Multicenter Registries. **2014**, 19-37
- 106 Outcome Characteristics of Multiple-Valve Surgery. **2014**, 9, 27-32 3
- 105 Aortic Valve Replacement and Concomitant Right Coronary Artery Bypass Grafting Performed via a Right Minithoracotomy Approach. **2014**, 9, 302-305
- 104 General Considerations and Etiologies of Aortic Stenosis. **2015**, 1-20

- 103 [Usefulness of multidetector computed tomography in transcatheter aortic valve implantation. Advantage of a tridimensional imaging modality]. **2015**, 85, 23-31
- 102 Aortic Valve Staphylococcus Aureus Endocarditis Complicated by Sinus of Valsalva-Right Atrial Fistula. **2015**, 2,
- 101 Alternate Vessel Approaches to Transcatheter Aortic Valve Replacement (TAVR). **2016**, 89-108
- 100 Valvular Surgery in Heart Failure. **2016**, 355-374
- 99 Aortic Valve Surgery in Patients with Congestive Heart Failure. **2016**, 159-179
- 98 Transcatheter Aortic Valve Implantation in Nonagenarians. **2016**, 11, 390-395
- 97 An Early Canadian Experience with the Correx Automated Coring and Apical Connector Device for Aortic Valve Bypass. **2016**, 11, 434-438
- 96 Experimental substantiation of the design of a 'prosthetic heart valve for «valve-in-valve» implantation. **2017**, 19, 69-77 1
- 95 In vitro study of a biological prosthetic valve for seamless fixation. **2018**, 19, 61-69 2
- 94 OBSOLETE: Aortic Valve Replacement in Patients with Congestive Heart Failure. **2018**,
- 93 Regional differences in aortic valve replacements: Atlantic Canadian experience. **2018**, 61, 99-104 1
- 92 Thrombocytopenia in Moderate- to High-Risk Sutureless Aortic Valve Replacement. **2018**, 51, 172-179 3
- 91 Mitral bioprosthetic valve dysfunction. **2018**, 309-316
- 90 Successful transcatheter aortic valve replacement in a kidney allograft patient on rapamycin. **2019**, 13, 303
- 89 Long-term outcomes of aortic valve replacement with small diameter bioprostheses. **2019**, 12, 116 1
- 88 Gender-Related Differences in Transcatheter Aortic Valve Implantation. **2019**, 189-200
- 87 Aortic Valvular Disease. **2019**, 385-414
- 86 Safety and Efficacy of Transcatheter Aortic Valve Implantation in Nonagenarians in Japan: Procedural Outcome and Long-term Results in a Single Center. **2019**, 1, 3-11

85	New Technology: The Sutureless Valve Prostheses. <b>2019</b> , 807-818		
84	Semptomatik Aort Darlı Bulunan Olgularda Mekanik Kapak ve Dikişiz Biyolojik Kapak Replasmanının Erken Dönem Sonuçlarının Karşılaştırılması		1
83	Mid-term Results of First Experience in Sutureless Aortic Valve Replacement in Iran. <b>2019</b> , In Press,		0
82	Comparison of patient-prosthesis mismatch after surgical aortic valve replacement and transcatheter aortic valve implantation. <b>2019</b> , 27, 143-151		1
81	Prosthetic Heart Valves. <b>2020</b> , 207-230		
80	Transcatheter aortic valve replacement. <b>2020</b> , 399-415		
79	Assessment of postoperative nutritional status and physical function between open surgical aortic valve replacement and transcatheter aortic valve implantation in elderly patients. <b>2020</b> , 67, 139-144		0
78	Surgical Versus Transcatheter Aortic Valve Replacement. <b>2020</b> , 509-524		
77	Imaging Cardiovascular Calcification Activity with 18F-Fluoride PET. <b>2020</b> , 423-440		
76	Aortic Valvular Disease. 683-712		
75	Rapid Deployment Aortic Valve Replacement with the Perceval S and Intuity Elite. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2021</b> , 69, 412-419	1.6	0
74	Minimally Invasive Sutureless Aortic Valve Replacement With the Perceval S Bioprosthesis Through Ministernotomy: A Single-Center Experience. <b>2020</b> , 12, e11212		
73	Sustitución valvular aórtica convencional aislada en España: tendencias nacionales de riesgo, tipo de prótesis y mortalidad entre 1998 y 2017. <b>2021</b> , 74, 700-700		1
72	Sutureless Aortic Valve Replacement International Registry (SU-AVR-IR): design and rationale from the International Valvular Surgery Study Group (IVSSG). <b>2015</b> , 4, 131-9		19
71	Sutureless aortic valve replacement. <b>2015</b> , 4, 123-30		30
70	Minimally invasive reoperative aortic valve replacement: a systematic review and meta-analysis. <b>2015</b> , 4, 15-25		22
69	Aortic valve replacement vs. transcatheter aortic valve implantation: Patient selection. <b>2012</b> , 1, 194-9		6
68	Does transcatheter aortic valve implantation mean the end of surgical aortic valve replacement?. <i>Texas Heart Institute Journal</i> , <b>2010</b> , 37, 658-9	0.8	7



67	Transcatheter aortic valve implantation (TAVI) for treatment of aortic valve stenosis: an evidence-based Analysis (part B). <i>Ontario Health Technology Assessment Series</i> , <b>2012</b> , 12, 1-62	3.1	6
66	Cardiac anesthesia and surgery in geriatric patients: epidemiology, current surgical outcomes, and future directions. <i>HSR Proceedings in Intensive Care &amp; Cardiovascular Anesthesia</i> , <b>2009</b> , 1, 6-19		3
65	Transcatheter aortic valve replacement in high risk patients with different anaesthetic techniques. <i>HSR Proceedings in Intensive Care &amp; Cardiovascular Anesthesia</i> , <b>2010</b> , 2, 273-7		1
64	Reoperative minimal access aortic valve replacement. <i>Journal of Thoracic Disease</i> , <b>2013</b> , 5 Suppl 6, S669-72		2
63	Patterns of anticoagulation following bioprosthetic valve implantation: observations from ANSWER. <i>Journal of Heart Valve Disease</i> , <b>2012</b> , 21, 78-87		11
62	Decellularized matrices for cardiovascular tissue engineering. <i>American Journal of Stem Cells</i> , <b>2014</b> , 3, 1-20	2.4	82
61	Risk-adjusted survival after tissue versus mechanical aortic valve replacement: a 23-year assessment. <i>Journal of Heart Valve Disease</i> , <b>2013</b> , 22, 810-6		6
60	Aortic valve replacement with sutureless and rapid deployment aortic valve prostheses. <i>Journal of Geriatric Cardiology</i> , <b>2016</b> , 13, 504-10	1.7	3
59	Calcific Aortic Stenosis: New Approaches to an Old Disease. <i>Missouri Medicine</i> , <b>2016</b> , 113, 401-406	0.8	
58	[Safety of biological valves for aortic valve replacement: A systematic review and meta-analysis]. <i>Beijing Da Xue Xue Bao</i> , <b>2020</b> , 52, 547-556	0.2	
57	Bioprosthetic or mechanical heart valves: prosthesis choice for borderline patients?—Results from 9,616 cases recorded in Polish national cardiac surgery registry. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 5869-5878	2.6	2
56	Persistent reduction in the age adjusted mortality rate from aortic valve surgery in the United State with elimination of gender gap in recent years. <i>American Journal of Cardiovascular Disease</i> , <b>2020</b> , 10, 522-527	0.9	
55	The First Experience of Aortic Valve Repeated Replacement Using the â€œValve-in-Valveâ€ Technique in a Patient With Dysfunction of a Biological Prosthesis. <i>Sklifosovsky Journal Emergency Medical Care</i> , <b>2021</b> , 10, 582-588	0.5	
54	Bioprosthetic or mechanical heart valves: prosthesis choice for borderline patients?—Results from 9,616 cases recorded in Polish national cardiac surgery registry. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 5869-5878	2.6	3
53	Structural valve degeneration of bioprosthetic aortic valves: A network meta-analysis.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.5	2
52	Accuracy of the Logistic EuroSCORE in Predicting Long-Term Survival Following Isolated Aortic Valve Replacement. <i>World Journal of Cardiovascular Surgery</i> , <b>2022</b> , 12, 28-38	0	
51	Ministernotomy for aortic valve replacement improves early recovery and facilitates proper wound healing - forced propensity score matching design with reference full sternotomy.. <i>Kardiochirurgia i Torakochirurgia Polska</i> , <b>2022</b> , 19, 1-10	0.3	
50	Outcome of patients undergoing isolated tricuspid repair or replacement surgery.. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2022</b> ,	3	0

49	The role of antibody responses against glycans in bioprosthetic heart valve calcification and deterioration.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	1
48	Umbrella Meta-analysis Evaluating the Effectiveness of ViV-TAVI vs Redo SAVR. <i>SN Comprehensive Clinical Medicine</i> , <b>2022</b> , 4, 1	2.7	
47	Incidence of Prosthesis-Patient Mismatch in Valve-in-Valve with a Supra-Annular Valve.. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2022</b> ,	1.6	
46	A New Decellularization Protocol of Porcine Aortic Valves Using Tergitol to Characterize the Scaffold with the Biocompatibility Profile Using Human Bone Marrow Mesenchymal Stem Cells.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	2
45	Aortic valve biologic protheses: A cohort comparison of premature valve failure.. <i>Journal of Cardiac Surgery</i> , <b>2022</b> ,	1.3	0
44	Durability of surgical and transcatheter aortic bioprostheses. A review of the literature.. <i>Cardiovascular Revascularization Medicine</i> , <b>2022</b> ,	1.6	
43	Improved Outcomes Following the Ross Procedure Compared With Bioprosthetic Aortic Valve Replacement.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 993-1005	15.1	2
42	Renal function changes associated with transcatheter aortic valve-in-valve for prosthetic regurgitation compared to stenosis.. <i>IJC Heart and Vasculature</i> , <b>2022</b> , 39, 100999	2.4	
41	Minimally Invasive versus Full Sternotomy for Isolated Aortic Valve Replacement in Low-risk Patients.. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
40	Converging rapid deployment prostheses with minimal access surgery: analysis of early outcomes.. <i>Journal of Cardiothoracic Surgery</i> , <b>2021</b> , 16, 355	1.6	
39	Contemporary trends and in-hospital outcomes of mechanical and bioprosthetic surgical aortic valve replacement in the United States.. <i>Journal of Cardiac Surgery</i> , <b>2022</b> ,	1.3	
38	Image Registration-Based Method for Reconstructing Transcatheter Heart Valve Geometry from Patient-Specific CT Scans.. <i>Annals of Biomedical Engineering</i> , <b>2022</b> , 1	4.7	1
37	Racial and Ethnic Disparities in the Treatment of Aortic Stenosis: Current Challenges and Future Strategies for Achieving Equity in Care. <i>Current Treatment Options in Cardiovascular Medicine</i> ,	2.1	
36	Predictors of early adverse events after ascending aortic replacement. <i>Sibirskij Ūrnl KliniĀskoj I Ūsperimental'noj Mediciny</i> , <b>2022</b> , 37, 108-117	0.3	
35	Bioprosthetic aortic valve replacement in patients aged 50 years old and younger: Structural valve deterioration at long-term follow-up. Retrospective study. <i>Annals of Medicine and Surgery</i> , <b>2022</b> , 77, 103624	2	
34	Image_1.TIF. <b>2019</b> ,		
33	Table_1.DOCX. <b>2019</b> ,		
32	Minimally invasive and full sternotomy in aortic valve replacement: a comparative early operative outcomes. <i>Pan African Medical Journal</i> , <b>2021</b> , 40, 68	1.2	0

31	Artificial Intelligence-Based Evaluation of Cardiac Valves. <i>Contemporary Medical Imaging</i> , <b>2022</b> , 281-289	0.1
30	Prosthetic Valves. <b>2016</b> , 537-573	
29	The management of paravalvular leaks post aortic valve replacement. <i>Journal of Cardiac Surgery</i> ,	1.3
28	Ten-Year Long-Term Analysis of Mechanical and Biological Aortic Valve Replacement. <i>Thoracic and Cardiovascular Surgeon</i> ,	1.6
27	A Novel Method to Improve the Physical Property and Biocompatibility of Decellularized Heart Valve Scaffold with Sericin and Polydopamine. <i>Journal of Bionic Engineering</i> ,	2.7
26	Current Status and Challenges of Valvular Heart Disease Interventional Therapy. <i>Cardiology Discovery</i> , <b>2022</b> , 2, 97-113	
25	Isolated aortic valve replacement with bio-prostheses in patients age 50 to 65 years: a decade of statewide data on cost and patient outcomes. <i>Journal of Cardiovascular Surgery</i> , <b>2022</b> , 63,	0.7
24	Predictors of early adverse events after ascending aortic replacement. <i>Sibirskij Ľrnl KliniĽskoj I Ľsperimental'noj Mediciny</i> , <b>2022</b> , 37, 65-73	0.3
23	A Novel Crosslinking Method for Improving the Anti-Calcification Ability and Extracellular Matrix Stability in Transcatheter Heart Valves. <i>Frontiers in Bioengineering and Biotechnology</i> , 10,	5.8
22	Contact pathway in surgical and transcatheter aortic valve replacement. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4
21	Screening Tool to Identify Patients with Advanced Aortic Valve Stenosis. <b>2022</b> , 11, 4386	
20	Comparison of Right Anterior Mini-Thoracotomy Versus Partial Upper Sternotomy in Aortic Valve Replacement. <b>2022</b> , 39, 4266-4284	1
19	Approach to the patient with decompensated cirrhosis and aortic stenosis during liver transplantation evaluation.	1
18	Cardiac magnetic resonance imaging versus computed tomography to guide transcatheter aortic valve replacement: study protocol for a randomized trial (TAVR-CMR). <b>2022</b> , 23,	0
17	Assessing the Impact of Publications: A Bibliometric Analysis of the Top-Cited Articles from The Journal of Thoracic and Cardiovascular Surgery. <b>2022</b> ,	0
16	Smart Pacemaker: A Review. <b>2022</b> ,	0
15	Sutureless bioprosthesis for aortic valve replacement: Surgical and clinical outcomes.	0
14	BA lloon Expandable vs. SELF Expanding Transcatheter ValVe for Degenerated Bioprosthesis: Design and Rationale of the BASELINE Trial. <b>2022</b> ,	0

- 13 MRI Assessment of the Bi-Leaflet Mechanical Heart Valve: Investigating the EOA Using the Acoustic Source Term Method. **2022**, 12, 11771 ○
- 12 Results of a multi-modal approach for the launch of a Ross Program. **2022**, ○
- 11 A Contrast Frugal Approach to Transcatheter Aortic Valve Replacement in Chronic Kidney Disease: A Pilot Study. **2022**, ○
- 10 Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement for Failed Surgical Aortic Bioprostheses: A Systematic Review and Meta-Analysis. **2022**, 11, ○
- 9 Direct oral anticoagulants and surgical bioprosthetic valves: State of the art. **2023**, ○
- 8 Impact of sex on in-hospital mortality and 90-day readmissions in patients undergoing transcatheter mitral valve replacement (TMVR): Analysis from the nationwide readmission database. 1
- 7 Aortic Valve Replacement: Is Minimally Invasive Really Better? A Contemporary Systematic Review and Meta-Analysis. Publish Ahead of Print, ○
- 6 Economic Justification Analysis of Minimally Invasive versus Conventional Aortic Valve Replacement. **2023**, 20, 2553 ○
- 5 Developing Hemodynamic Valve Deterioration and Mortality in Aortic Valve Replacement. **2023**, 285, 236-242 ○
- 4 Redo heart valve replacement in patients with dysfunction of biological prostheses. **2023**, 16, 156 ○
- 3 Rapid-Deployment Aortic Valve Replacement: Patient Selection and Special Considerations. Volume 19, 169-180 ○
- 2 Perceval valve intermediate outcomes: a systematic review and meta-analysis at 5-year follow-up. **2023**, 18, ○
- 1 Valve-in-valve/valve-in-ring transcatheter mitral valve implantation vs. redo surgical mitral valve replacement for patients with failed bioprosthetic valves or annuloplasty rings: A systematic review and meta-analysis. **2023**, 9, e16078 ○