

List of Publications by Year in
Descending Order

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

84 papers	5,890 citations	35 h-index	76 g-index
89 ext. papers	6,777 ext. citations	3.6 avg, IF	4.99 L-index

#	Paper	IF	Citations
84	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1340-1351	15.1	2
83	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 489-500	5	15
82	Transfemoral Transcatheter Tricuspid Valve Replacement With the EVOQUE System: A Multicenter, Observational, First-in-Human Experience. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 501-511	5	32
81	Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3040-3051	1.3	2
80	Ten year follow-up of high-risk patients treated during the early experience with transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E431-E437	2.7	7
79	Transcatheter Aortic Valve Implantation With J-Valve: 2-Year Outcomes From a Multicenter Study. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1530-1536	2.7	4
78	Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1610-1612	5	
77	Quality-of-Life Outcomes After Transcatheter Aortic Valve Implantation in a "Real World" Population: Insights From a Prospective Canadian Database. <i>CJC Open</i> , 2021 , 3, 1033-1042	2	3
76	Leaflet and Neoskirt Height in Transcatheter Heart Valves: Implications for Repeat Procedures and Coronary Access. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2298-2300	5	1
75	Access options for transcatheter mitral valve implantation in patients with prior surgical bioprosthesis. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 621-629	4.7	0
74	Mitral regurgitation in patients undergoing transcatheter aortic valve implantation for degenerated surgical aortic bioprosthesis: Insights from PARTNER 2 Valve-in-Valve Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 981-986	2.7	3
73	Transcatheter Mitral Valve Replacement With the Transseptal EVOQUE System. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2418-2426	5	24
72	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention: An Ex Vivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 667-678	5	2
71	Impact of Transcatheter Aortic Valve Size on Leaflet Stresses: Implications for Durability and Optimal Grey Zone Sizing. <i>Asia Intervention</i> , 2020 , 6, 64-71	0.1	2
70	Long-Term Durability of Transcatheter Heart Valves: Insights From Bench Testing to 25 Years. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 235-249	5	7
69	Transcatheter aortic valve-in-valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 45-53	2.7	2
68	Performance of the TRUE dilatation balloon valvuloplasty catheter beyond rated burst pressure: A bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E187-E195	2.7	6

67	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs: An ExVivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 65-75	5	16
66	The Relationship Between Heart-Failure Hospitalization and Mortality in Patients Receiving Transcatheter Aortic Valve Replacement. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 413-421	3.8	3
65	Percutaneous Transcatheter Mitral Valve Replacement: First-in-Human Experience With a New Transseptal System. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1239-1246	15.1	57
64	Overexpansion of older generation balloon expandable transcatheter heart valves: An ex-vivo bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 806-811	2.7	3
63	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. <i>Structural Heart</i> , 2019 , 3, 324-328	0.6	1
62	Stent and leaflet stresses in 26-mm, third-generation, balloon-expandable transcatheter aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 528-536	1.5	13
61	First-in-human experience of a new-generation transfemoral transcatheter aortic valve for the treatment of severe aortic regurgitation: the J-Valve transfemoral system. <i>EuroIntervention</i> , 2019 , 14, e1553-e1555	3.1	18
60	The first transapical transcatheter aortic valve-in-valve implantation using the J-valve system into a failed biophysio aortic prosthesis in a patient with high risk of coronary obstruction. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 1209-1214	2.7	9
59	First transcatheter valve-in-valve implantation in an apicoaortic conduit. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, E86-E89	2.7	
58	Anticoagulation and Antiplatelet Strategies After On-X Mechanical Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2717-2726	15.1	55
57	Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Degenerated Surgical Aortic Bioprosthesis: Insights From the PARTNER 2 Aortic Valve-in-Valve Registry. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1154-1160	5	5
56	Aortic Valve-in-Valve in Externally Mounted Bioprosthesis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 171-176	1.5	2
55	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve: An ExVivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1696-1705	5	26
54	Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation: Concept of the Neo-LVOT. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 482-485	8.4	155
53	Stent and leaflet stresses in a 26-mm first-generation balloon-expandable transcatheter aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1065-1073	1.5	15
52	Stent and Leaflet Stresses in 29-mm Second-Generation Balloon-Expandable Transcatheter Aortic Valve. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 773-781	2.7	8
51	Transcatheter Tricuspid Valve Repair With a New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation: 1-Year Clinical and Echocardiographic Results. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1994-2003	5	71
50	Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	30

49	Ticagrelor and aspirin for the prevention of cardiovascular events after coronary artery bypass graft surgery. <i>Heart</i> , 2016 , 102, 763-9	5.1	30
48	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse: Implications for Transcatheter Mitral Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 269-80	8.4	56
47	In vitro evaluation of implantation depth in valve-in-valve using different transcatheter heart valves. <i>EuroIntervention</i> , 2016 , 12, 909-17	3.1	37
46	Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway: Minimalist Approach, Standardized Care, and Discharge Criteria to Reduce Length of Stay. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016 , 9, 312-21	5.8	93
45	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1195-1205	15.1	144
44	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 491-499	2.8	54
43	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 183-92	2.8	40
42	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2475-83	15.1	110
41	A Strategy of Underexpansion and Ad Hoc Post-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients at Risk of Annular Injury: Favorable Mid-Term Outcomes. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1727-32	5	15
40	Neurologic impact of using embol-x intraaortic filter. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 1675	1.5	3
39	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves: An 8-Year Single-Center Experience. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1735-44	5	112
38	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1944-1951	5	13
37	Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology/Canadian Society of Cardiac Surgery position statement on revascularization--multivessel coronary artery disease. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1482-91	3.8	40
36	Impact of new-onset persistent left bundle branch block on late clinical outcomes in patients undergoing transcatheter aortic valve implantation with a balloon-expandable valve. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 128-136	5	114
35	Embolic capture with updated intra-aortic filter during coronary artery bypass grafting and transaortic transcatheter aortic valve implantation: first-in-human experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2905-10	1.5	14
34	Surgical risk algorithm as a measure of successful adoption of transapical transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1524-8	1.5	4
33	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 459-67	2.8	88
32	Risk stratification and clinical pathways to optimize length of stay after transcatheter aortic valve replacement. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1583-7	3.8	30

31	Underexpansion and ad hoc post-dilation in selected patients undergoing balloon-expandable transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 976-81	15.1	46
30	5-year outcome after transcatheter aortic valve implantation. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 413-419	15.1	241
29	Transapical transcatheter aortic valve-in-valve implantation: clinical and hemodynamic outcomes beyond 2 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 1554-62	1.5	16
28	5-year experience with transcatheter transapical mitral valve-in-valve implantation for bioprosthetic valve dysfunction. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1759-66	15.1	200
27	Need for permanent pacemaker as a complication of transcatheter aortic valve implantation and surgical aortic valve replacement in elderly patients with severe aortic stenosis and similar baseline electrocardiographic findings. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 540-551	5	109
26	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 571-577	5	53
25	Pathology of transcatheter valve therapy. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 582-590	5	43
24	Aortic valve replacement vs. transcatheter aortic valve implantation: Patient selection. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 194-9	4.7	6
23	Transapical aortic valve implantation in the presence of a mitral prosthesis. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 257-9	4.7	1
22	Transapical aortic valve implantation: The Vancouver experience. <i>Annals of Cardiothoracic Surgery</i> , 2012 , 1, 138-44	4.7	10
21	Transapical transcatheter aortic valve implantation in the presence of a mitral prosthesis. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 715-21	15.1	42
20	Transcatheter valve-in-valve implantation for failed surgical bioprosthetic valves. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2196-209	15.1	144
19	Transcatheter transapical mitral valve-in-valve implantations for a failed bioprosthesis: a case series. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 711-5	1.5	100
18	Early clinical outcomes after transapical aortic valve implantation: a propensity-matched comparison with conventional aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, e47-52	1.5	28
17	Transcatheter valve-in-valve implantation for failed bioprosthetic heart valves. <i>Circulation</i> , 2010 , 121, 1848-57	16.7	411
16	Transcatheter aortic valve implantation for the treatment of severe symptomatic aortic stenosis in patients at very high or prohibitive surgical risk: acute and late outcomes of the multicenter Canadian experience. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1080-90	15.1	810
15	Technical considerations to avoid pitfalls during transapical aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 196-202	1.5	81
14	Transapical transcatheter aortic valve implantation: follow-up to 3 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 1107-13, 1113.e1	1.5	98

13	Transatrial transcatheter tricuspid valve-in-valve implantation of balloon expandable bioprosthesis. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1696-7	2.7	55
12	Transapical transcatheter aortic valve implantation: 1-year outcome in 26 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 167-73	1.5	85
11	Transapical transcatheter mitral valve-in-valve implantation in a human. <i>Annals of Thoracic Surgery</i> , 2009 , 87, e18-20	2.7	98
10	Transcatheter valve-in-valve aortic valve implantation: 16-month follow-up. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1322-4	2.7	29
9	Transcatheter aortic valve implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 197-205	1.5	
8	Transcatheter Aortic Valve Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 197-205	1.5	
7	Can animal experiments predict clinical outcome?. <i>Journal of Cardiac Surgery</i> , 2007 , 22, 18-9	1.3	
6	Six-month outcome of transapical transcatheter aortic valve implantation in the initial seven patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 16-21	3	119
5	Reply to Kalavrouziotis et al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 32, 188-189	3	
4	Percutaneous transarterial aortic valve replacement in selected high-risk patients with aortic stenosis. <i>Circulation</i> , 2007 , 116, 755-63	16.7	831
3	Transapical aortic valve implantation in humans. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 1194-6	1.5	135
2	Transapical transcatheter aortic valve implantation in humans: initial clinical experience. <i>Circulation</i> , 2006 , 114, 591-6	16.7	488
1	The real impact of randomized clinical trials in heart valve surgery. <i>Current Opinion in Cardiology</i> , 2006 , 21, 106-12	2.1	4