

Janarthanan Sathananthan MBChB

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

75
papers

781
citations

14
h-index

26
g-index

92
ext. papers

1,269
ext. citations

3.4
avg, IF

3.83
L-index

#	Paper	IF	Citations
75	Tissue Engineered Transcatheter Pulmonary Valved Stent Implantation: Current State and Future Prospect.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
74	Balloon-Expandable Valve for Treatment of Evolut Valve Failure: Implications of Neoskirt Height and Leaflet Overhang.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 368-377	5	2
73	Takotsubo Cardiomyopathy Following a Transseptal Mitral Valve-in-Valve Procedure.. <i>CJC Open</i> , 2022 , 4, 353-354	2	
72	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1340-1351	15.1	2
71	Failure of Complete Rewrap of a Noncompliant Valvuloplasty Balloon Complicating a Transcatheter Valve-in-Valve Procedure.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, e81-e83	5	
70	TAVI in 2022: Remaining issues and future direction.. <i>Archives of Cardiovascular Diseases</i> , 2022 , 115, 235-242	2.2	2
69	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing.. <i>Cardiovascular Engineering and Technology</i> , 2022 , 1	2.2	
68	Platelets: Implications in Aortic Valve Stenosis and Bioprosthetic Valve Dysfunction From Pathophysiology to Clinical Care.. <i>JACC Basic To Translational Science</i> , 2021 , 6, 1007-1020	8.7	0
67	Standardized Invasive Hemodynamics for Management of Patients With Elevated Echocardiographic Gradients Post-Transcatheter Aortic Valve Replacement at Midterm Follow-Up. <i>Circulation: Cardiovascular Interventions</i> , 2021 , CIRCINTERVENTIONS121011243	6	1
66	Neosinus and Sinus Flow After Self-Expanding and Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2657-2657	5	1
65	Repeat transcatheter aortic valve implantation and implications for transcatheter heart valve performance: insights from bench testing. <i>EuroIntervention</i> , 2021 , 17, 856-864	3.1	6
64	Same Day Discharge during the COVID-19 Pandemic in Highly Selected Transcatheter Aortic Valve Replacement Patients.. <i>Structural Heart</i> , 2021 , 5, 596-604	0.6	2
63	Transcatheter mitral valve replacement: tissue in-growth after 4 weeks. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 1-8	1.8	0
62	Left Ventricular Assist Device Failure Requiring Percutaneous Conduit Occlusion With a Vascular Plug. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, e61-e63	5	
61	Complete revascularization in stable multivessel coronary artery disease: A real world analysis from the British Columbia Cardiac Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021 ,	2.7	1
60	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 489-500	5	15
59	Frailty Assessment of Transcatheter Aortic Valve Replacement Patients: Contemporary Practice and Future Directions. <i>Structural Heart</i> , 2021 , 5, 357-366	0.6	

58	Prognostic implications of baseline 6-min walk test performance in intermediate risk patients undergoing transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E154-E160	2.7	1
57	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
56	Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2021 , 5, 24-38	0.6	1
55	Distribution of C-arm projections in native and bioprosthetic aortic valves cusps: Implication for BASILICA procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E580-E587	2.7	1
54	Stent Frame Fracture and Late Atrial Migration of a Mitral SAPIEN 3 Transcatheter Valve. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1610-1612	5	
53	Lymphatic Dysregulation in Patients With Heart Failure: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 66-76	15.1	8
52	Incidence, Causes, and Outcomes Associated With Urgent Implantation of a Supplementary Valve During Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2021 , 6, 936-944	16.2	1
51	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
50	Next-generation balloon-expandable transcatheter heart valve: the SAPIEN 3 Ultra valve. <i>Future Cardiology</i> , 2021 , 17, 811-816	1.3	0
49	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
48	Transcatheter solutions for transcatheter aortic valve replacement dysfunction: is redo transcatheter aortic valve replacement a durable option?. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 571-584	4.7	
47	Bioprosthetic valve fracture: a practical guide. <i>Annals of Cardiothoracic Surgery</i> , 2021 , 10, 564-570	4.7	3
46	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1-14	15.1	17
45	Dedicated plug based closure for large bore access -The MARVEL prospective registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 1270-1278	2.7	10
44	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 733-740	2.7	11
43	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 971-976	3.8	13
42	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1882-1893	15.1	59
41	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3177-3183	15.1	34

40	Coronary ostial eccentricity in severe aortic stenosis: Guidance for BASILICA transcatheter leaflet laceration. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 516-519	2.8	8
39	Facilitating transcatheter aortic valve implantation in the era of COVID-19: Recommendations for programmes. <i>European Journal of Cardiovascular Nursing</i> , 2020 , 19, 537-544	3.3	9
38	Impact of Over-Expansion on SAPIEN 3 Transcatheter Heart Valve Pericardial Leaflets. <i>Structural Heart</i> , 2020 , 4, 214-220	0.6	1
37	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
36	Single-center prospective study examining use of the Wattson temporary pacing guidewire for transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 968-977	2.7	2
35	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. <i>European Heart Journal</i> , 2020 , 41, 2731-2742	9.5	46
34	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
33	Transcatheter aortic valve resection: new mechanical devices. <i>Journal of Thoracic Disease</i> , 2020 , 12, 6586-6597	6.5	65
32	Impact of implant depth on hydrodynamic function of the ALLEGRA bioprosthesis in valve-in-valve interventions. <i>EuroIntervention</i> , 2020 , 15, e1335-e1342	3.1	6
31	A bench test study of bioprosthetic valve fracture performed before versus after transcatheter valve-in-valve intervention. <i>EuroIntervention</i> , 2020 , 15, 1409-1416	3.1	9
30	Mid-term outcome in patients with bicuspid aortic valve stenosis following transcatheter aortic valve replacement with a current generation device: A multicenter study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1186-1192	2.7	8
29	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
28	Post-procedure protocol to facilitate next-day discharge: Results of the multidisciplinary, multimodality but minimalist TAVR study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 450-458	2.7	13
27	Very Early Changes in Quality of Life After Transcatheter Aortic Valve Replacement: Results From the 3M TAVR Trial. <i>Cardiovascular Revascularization Medicine</i> , 2020 , 21, 1573-1578	1.6	7
26	Transcatheter Aortic Valve Replacement for Residual Lesion of the Aortic Valve Following "Healed" Infective Endocarditis. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1983-1996	5	4
25	Fracture of small Mitroflow [®] aortic bioprosthesis following valve-in-valve transcatheter aortic valve replacement with ACURATE neo valve-From bench testing to clinical practice. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, E120-E122	2.7	3
24	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
23	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

22	Implications of hydrodynamic testing to guide sizing of self-expanding transcatheter heart valves for valve-in-valve procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E332-E340	2.7	2
21	Precautions and Procedures for Coronary and Structural Cardiac Interventions During the COVID-19 Pandemic: Guidance from Canadian Association of Interventional Cardiology. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 780-783	3.8	45
20	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs: An Ex Vivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 65-75	5	16
19	Safety of Accelerated Recovery on a Cardiology Ward and Early Discharge Following Minimalist TAVR in the Catheterization Laboratory: The Vancouver Accelerated Recovery Clinical Pathway. <i>Structural Heart</i> , 2019 , 3, 229-235	0.6	3
18	Habitual Physical Activity in Older Adults Undergoing TAVR: Insights From the FRAILTY-AVR Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 781-789	5	11
17	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
16	The Vancouver 3M (Multidisciplinary, Multimodality, But Minimalist) Clinical Pathway Facilitates Safe Next-Day Discharge Home at Low-, Medium-, and High-Volume Transfemoral Transcatheter Aortic Valve Replacement Centers: The 3M TAVR Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 459-469	5	98
15	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
14	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. <i>Structural Heart</i> , 2019 , 3, 324-328	0.6	1
13	Pivotal Clinical Study to Evaluate the Safety and Effectiveness of the MANTA Percutaneous Vascular Closure Device. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007258	6	46
12	Imaging of Aortic Valve Cusps Using Commissural Alignment: Guidance for Transcatheter Leaflet Laceration With BASILICA. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2262-2265	8.4	4
11	Outcomes Following Transcatheter Aortic Valve Replacement for Degenerative Stentless Versus Stented Bioprostheses. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1256-1263	5	24
10	Impact of implant depth on hydrodynamic function with the ACURATE neo transcatheter heart valve following valve-in-valve transcatheter aortic valve replacement in Mitroflow bioprosthetic valves: an ex vivo bench study. <i>EuroIntervention</i> , 2019 , 15, 78-87	3.1	14
9	Transcatheter Aortic Heart Valves: Histological Analysis Providing Insight to Leaflet Thickening and Structural Valve Degeneration. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 135-145	8.4	56
8	Impact of Chronic Kidney Disease on Decision Making and Management in Transcatheter Aortic Valve Interventions. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1188-1194	3.8	5
7	Combined Transapical Valve-in-Valve/Valve-in-Ring Transcatheter Mitral Valve Implantation and Paravalvular Leak Closure for Failed Mitral Valve Surgery. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1088.e3-1088.e6	3.8	2
6	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
5	Transcatheter Tricuspid Valve-in-Valve Replacement With Subsequent Bioprosthetic Valve Fracture to Optimize Hemodynamic Function. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2226-2227	5	6

4	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve: An ExVivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1696-1705	5	26
3	Implications of Transcatheter Heart Valve Selection on Early and Late Pacemaker Rate and on Length of Stay. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1165-1173	3.8	8
2	1-Year Outcomes following Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> ,1-7	0.6	1
1	Integration of Virtual Technologies in a Minimalist Transcatheter Aortic Valve Replacement Clinical Care Pathway. <i>Structural Heart</i> ,1-4	0.6	