

# Thilo Noack

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

2,049  
citations

279701

23  
h-index

276775

41  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term survival after coronary bypass surgery with multiple versus single arterial grafts. European Journal of Cardio-thoracic Surgery, 2022, 61, 925-933.	0.6	19
2	Clinical Outcomes after Mitral Valve Repair with the Physio II Annuloplasty Ring. Thoracic and Cardiovascular Surgeon, 2022, 70, 100-105.	0.4	1
3	Manta versus Perclose ProGlide vascular closure device after transcatheter aortic valve implantation: Initial experience from a large European center. Cardiovascular Revascularization Medicine, 2022, 37, 34-40.	0.3	24
4	Single or multiple arterial bypass graft surgery vs. percutaneous coronary intervention in patients with three-vessel or left main coronary artery disease. European Heart Journal, 2022, 43, 1334-1344.	1.0	17
5	Combined cCTA and TAVR Planning for Ruling Out Significant CAD. JACC: Cardiovascular Imaging, 2022, 15, 476-486.	2.3	24
6	10-Year All-Cause Mortality Following Percutaneous or Surgical Revascularization in Patients With Heavy Calcification. JACC: Cardiovascular Interventions, 2022, 15, 193-204.	1.1	23
7	Combined Coronary CT-Angiography and TAVI Planning: Utility of CT-FFR in Patients with Morphologically Ruled-Out Obstructive Coronary Artery Disease. Journal of Clinical Medicine, 2022, 11, 1331.	1.0	5
8	Tricuspid Valve Morphology and Outcome in Patients Undergoing Transcatheter Tricuspid Valve Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2022, 15, 567-569.	1.1	2
9	CT Planning prior to Transcatheter Mitral Valve Replacement (TMVR). RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 373-383.	0.7	2
10	Treatment of the aortic root in acute aortic dissection type A: insights from the German Registry for Acute Aortic Dissection Type A. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	5
11	Surgical Tricuspid Valve Repair – To 3D or not 3D. European Journal of Cardio-thoracic Surgery, 2022, , .	0.6	0
12	Mortality after multivessel revascularisation involving the proximal left anterior descending artery. Heart, 2022, 108, 1784-1791.	1.2	7
13	Early- and mid-term outcomes following redo surgical aortic valve replacement in patients with previous transcatheter aortic valve implantation. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	5
14	Loop neochord versus leaflet resection techniques for minimally invasive mitral valve repair: long-term results. European Journal of Cardio-thoracic Surgery, 2021, 59, 180-186.	0.6	32
15	Impact of Proportionality of Secondary Mitral Regurgitation on Outcome After Transcatheter Mitral Valve Repair. JACC: Cardiovascular Imaging, 2021, 14, 715-725.	2.3	42
16	Mortality 10 Years After Percutaneous or Surgical Revascularization in Patients With Total Coronary Artery Occlusions. Journal of the American College of Cardiology, 2021, 77, 529-540.	1.2	17
17	Quantification of regurgitation in mitral valve prolapse with automated real time echocardiographic 3D proximal isovelocity surface area: multimodality consistency and role of eccentricity index. International Journal of Cardiovascular Imaging, 2021, 37, 1947-1959.	0.7	2
18	Proposal for a Standard Echocardiographic Tricuspid Valve Nomenclature. JACC: Cardiovascular Imaging, 2021, 14, 1299-1305.	2.3	97

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19	Postoperative outcome after reoperative isolated tricuspid valve surgery“is there a predictor for survival?. European Journal of Cardio-thoracic Surgery, 2021, 60, 867-871.	0.6	5
20	Bail-out edge-to-edge mitral repair for an acute single leaflet device attachment: a case report. European Heart Journal - Case Reports, 2021, 5, ytab147.	0.3	2
21	Patient-Specific Neocommissural Alignment of the Evolut Valve. JACC: Cardiovascular Interventions, 2021, 14, 934-936.	1.1	8
22	European registry of type A aortic dissection (ERTAAD) - rationale, design and definition criteria. Journal of Cardiothoracic Surgery, 2021, 16, 171.	0.4	14
23	10-Year Follow-Up After Revascularization in Elderly Patients With Complex Coronary Artery Disease. Journal of the American College of Cardiology, 2021, 77, 2761-2773.	1.2	32
24	Impact of Body Composition Indices on Ten-year Mortality After Revascularization of Complex Coronary Artery Disease (From the Syntax Extended Survival Trial). American Journal of Cardiology, 2021, 151, 30-38.	0.7	6
25	Impact of Optimal Medical Therapy on 10-Year Mortality After Coronary Revascularization. Journal of the American College of Cardiology, 2021, 78, 27-38.	1.2	41
26	Right Ventricular Contraction Patterns in Patients Undergoing Transcatheter Tricuspid Valve Repair for Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2021, 14, 1551-1561.	1.1	48
27	Impact of Tricuspid Valve Morphology on Clinical Outcomes After Transcatheter Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2021, 14, 1616-1618.	1.1	16
28	Mitral and tricuspid annuloplasty ring dehiscence, a story yet to be told. European Journal of Cardio-thoracic Surgery, 2021, 60, 811-812.	0.6	3
29	Mitral Valve Surgery After Transcatheter Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2021, 14, 2010-2021.	1.1	27
30	Is the pulmonary pressure directly correlated with the operative risk in patients with isolated tricuspid valve surgery?. Journal of Cardiovascular Surgery, 2021, , .	0.3	1
31	Surgical Explantation After TAVR Failure. JACC: Cardiovascular Interventions, 2021, 14, 1978-1991.	1.1	67
32	Impact of major infections on 10-year mortality after revascularization in patients with complex coronary artery disease. International Journal of Cardiology, 2021, 341, 9-12.	0.8	1
33	Chordal replacement: future surgical gold standard or first-line option as bridge to definitive therapy in primary mitral regurgitation?. Annals of Cardiothoracic Surgery, 2021, 10, 167-169.	0.6	3
34	Health Status After Transcatheter Tricuspid Valve Repair in Patients With Functional Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2021, 14, 2545-2556.	1.1	11
35	Transcatheter mitral valve repair: review of current techniques. Indian Journal of Thoracic and Cardiovascular Surgery, 2020, 36, 53-63.	0.2	7
36	Sex Differences in All-Cause Mortality in the Decade Following Complex Coronary Revascularization. Journal of the American College of Cardiology, 2020, 76, 889-899.	1.2	30

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37	Transcatheter aortic valve replacement for patient-prosthesis mismatch: Chronicle of a death foretold. <i>Journal of Cardiac Surgery</i> , 2020, 35, 3606-3609.	0.3	1
38	Combined Coronary CT-Angiography and TAVI-Planning: A Contrast-Neutral Routine Approach for Ruling-Out Significant Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1623.	1.0	24
39	Clinical characteristics, diagnosis, and risk stratification of pulmonary hypertension in severe tricuspid regurgitation and implications for transcatheter tricuspid valve repair. <i>European Heart Journal</i> , 2020, 41, 2785-2795.	1.0	117
40	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , 2020, 22, 1826-1836.	2.9	28
41	Multi-biomarker mortality prediction in patients with aortic stenosis undergoing valve replacement. <i>Journal of Cardiology</i> , 2020, 76, 154-162.	0.8	10
42	Transcatheter edge-to-edge mitral valve repair with the PASCAL system: early results from a real-world series. <i>EuroIntervention</i> , 2020, 16, 824-832.	1.4	13
43	Commentary: Prevention of Systolic Anterior Motion After Mitral Repair in Hypertrophic Obstructive Cardiomyopathy: One Simple Stitch Fits All?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 269-270.	0.4	1
44	Acute Effect of Mitral Valve Repair on Mitral Valve Geometry. <i>Thoracic and Cardiovascular Surgeon</i> , 2019, 67, 516-523.	0.4	2
45	Annuloplasty ring dehiscence after mitral valve repair: incidence, localization and reoperation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 300-307.	0.6	8
46	Physiological and Clinical Consequences of Right Ventricular Volume Overload Reduction After Transcatheter Treatment for Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1423-1434.	1.1	73
47	Isolated Mitral Valve Repair in Patients with Reduced Left Ventricular Ejection Fraction. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2019, 25, 326-335.	0.3	4
48	Safety and Efficacy of Transcatheter Edge-to-Edge Repair of the Tricuspid Valve in Patients With Cardiac Implantable Electronic Device Leads. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2114-2116.	1.1	8
49	Percutaneous coronary intervention versus coronary artery bypass grafting in patients with three-vessel or left main coronary artery disease: 10-year follow-up of the multicentre randomised controlled SYNTAX trial. <i>Lancet, The</i> , 2019, 394, 1325-1334.	6.3	406
50	Antegrade selective cerebral perfusion reduced in-hospital mortality and permanent focal neurological deficit in patients with elective aortic arch surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 1001-1008.	0.6	12
51	Dynamic mitral valve geometry in patients with primary and secondary mitral regurgitation: implications for mitral valve repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 983-992.	0.6	11
52	The Ubiquitin Proteasome System in Ischemic and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6354.	1.8	12
53	Changes in dynamic mitral valve geometry during percutaneous edge-to-edge mitral valve repair with the MitraClip system. <i>Journal of Echocardiography</i> , 2019, 17, 84-94.	0.4	15
54	Six-month outcome after transcatheter edge-to-edge repair of severe tricuspid regurgitation in patients with heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1055-1062.	2.9	76

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55	Good 5-Year Durability of Transapical Beating Heart Off-Pump Mitral Valve Repair With Neochordae. <i>Annals of Thoracic Surgery</i> , 2018, 106, 440-445.	0.7	48
56	Combined Mitral and Tricuspid Versus Isolated Mitral Valve Transcatheter Edge-to-Edge Repair in Patients With Symptomatic Valve Regurgitation at High Surgical Risk. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1142-1151.	1.1	43
57	Transcatheter treatment of tricuspid regurgitation using edge-to-edge repair: procedural results, clinical implications and predictors of success. <i>EuroIntervention</i> , 2018, 14, e290-e297.	1.4	39
58	Advanced symptoms are associated with myocardial damage in patients with severe aortic stenosis. <i>Journal of Cardiology</i> , 2017, 70, 41-47.	0.8	12
59	Late device embolization after transcatheter mitral valve edge-to-edge repair. <i>European Heart Journal</i> , 2017, 38, ehw602.	1.0	5
60	Custodiol versus cold Calafiore for elective cardiac arrest in isolated aortic valve replacement: a propensity-matched analysis of 7263 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 303-309.	0.6	19
61	Imaging in Cardiac Surgery: Visualizing the Heart. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, S213-S216.	0.4	1
62	Outcomes of Dialysis-Dependent Patients After Cardiac Operations in a Single-Center Experience of 483 Patients. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1270-1276.	0.7	18
63	Preoperative determination of artificial chordae length: Wishful thinking?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1632-1633.	0.4	2
64	Transapical Mitral Valve Implantation for Native Mitral Valve Stenosis Using a Balloon-Expandable Prosthesis. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2030-2036.	0.7	10
65	Preoperative Predictors and Outcome of Triple Valve Surgery in 487 Consecutive Patients. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 174-181.	0.4	3
66	Transmitral myectomy and how to deal with systolic anterior motion (SAM) in hypertrophic obstructive cardiomyopathy. <i>Annals of Cardiothoracic Surgery</i> , 2017, 6, 416-418.	0.6	7
67	Deep sedation versus general anesthesia in percutaneous edge-to-edge mitral valve reconstruction using the MitraClip system. <i>Clinical Research in Cardiology</i> , 2016, 105, 535-543.	1.5	29
68	Late left ventricular pseudoaneurysm following transfemoral transcatheter aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 172-173.	0.6	2
69	Four-dimensional modelling of the mitral valve by real-time 3D transoesophageal echocardiography: proof of concept. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 200-208.	0.5	22
70	Assessment of acute changes in ventricular volumes, function, and strain after interventional edge-to-edge repair of mitral regurgitation using cardiac magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1399-1404.	0.5	24
71	The role of the heart team in complicated transcatheter aortic valve implantation: a 7-year single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 1090-1096.	0.6	15
72	Minimally Invasive Mitral Valve Repair in a Marfan Patient with Severe ScolioKyphosis. <i>The Thoracic and Cardiovascular Surgeon Reports</i> , 2014, 03, 001-002.	0.1	1

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73	Symetis Acurate Aortic Valve-in-Valve Implantation for Early Degeneration of a Sapien THV Prosthesis. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1880.	0.7	3
74	Reoperative Transapical Aortic Valve Implantation for Early Structural Valve Deterioration of a SAPIEN XT valve. <i>Annals of Thoracic Surgery</i> , 2013, 95, 2169-2170.	0.7	12
75	Cooling after successful resuscitation in cardiac surgery patients. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 190.	0.4	5
76	New concepts for mitral valve imaging. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 787-95.	0.6	20
77	Mitral Valve Surgical Procedures in the Elderly. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1999-2003.	0.7	28
78	An integrated framework for finite-element modeling of mitral valve biomechanics from medical images: Application to MitralClip intervention planning. <i>Medical Image Analysis</i> , 2012, 16, 1330-1346.	7.0	94
79	Transapical neochord implantation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2011, 2011, .	0.5	5
80	Trans-apical beating-heart implantation of neo-chordae to mitral valve leaflets: results of an acute animal study. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 41, 173-6; discussion 176.	0.6	23
81	Extracting the Fine Structure of the Left Cardiac Ventricle in 4D CT Data. <i>Informatik Aktuell</i> , 2011, , 264-268.	0.4	0
82	Transapical Beating Heart Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 611-612.	1.4	54
83	Facilitated anastomosis using a reverse thermo-sensitive polymer for temporary coronary occlusion in off-pump minimally invasive direct coronary artery bypass surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 11, 532-536.	0.5	12
84	Changes in the haemostatic system after thermoneutral and hyperthermic water immersion. <i>European Journal of Applied Physiology</i> , 2008, 102, 547-554.	1.2	21