

Thilo Noack

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7297865/publications.pdf>

Version: 2024-02-01

84
papers

2,049
citations

279798

23
h-index

276875

41
g-index

90
all docs

90
docs citations

90
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	406
2	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.	2.2	117
3	Proposal for a Standard Echocardiographic Tricuspid Valve Nomenclature. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1299-1305.	5.3	97
4	An integrated framework for finite-element modeling of mitral valve biomechanics from medical images: Application to MitraClip intervention planning. <i>Medical Image Analysis</i> , 2012, 16, 1330-1346.	11.6	94
5	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.	7.1	76
6	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.	2.9	73
7	Surgical Explantation After TAVR Failure. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1978-1991.	2.9	67
8	Transapical Beating Heart Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 611-612.	3.9	54
9	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.	1.3	48
10	Right Ventricular Contraction Patterns in Patients Undergoing Transcatheter Tricuspid Valve Repair for Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1551-1561.	2.9	48
11	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.	2.9	43
12	Impact of Proportionality of Secondary Mitral Regurgitation on Outcome After Transcatheter Mitral Valve Repair. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 715-725.	5.3	42
13	Impact of Optimal Medical Therapy on 10-Year Mortality After Coronary Revascularization. <i>Journal of the American College of Cardiology</i> , 2021, 78, 27-38.	2.8	41
14	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.	3.2	39
15	Loop neochord versus leaflet resection techniques for minimally invasive mitral valve repair: long-term results. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 180-186.	1.4	32
16	10-Year Follow-Up After Revascularization in Elderly Patients With Complex Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2761-2773.	2.8	32
17	Sex Differences in All-Cause Mortality in the Decade Following Complex Coronary Revascularization. <i>Journal of the American College of Cardiology</i> , 2020, 76, 889-899.	2.8	30
18	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.	3.3	29

#	ARTICLE	IF	CITATIONS
19	Mitral Valve Surgical Procedures in the Elderly. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1999-2003.	1.3	28
20	Nutritional status in tricuspid regurgitation: implications of transcatheter repair. <i>European Journal of Heart Failure</i> , 2020, 22, 1826-1836.	7.1	28
21	Mitral Valve Surgery After Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2010-2021.	2.9	27
22	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.	1.2	24
23	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.	2.4	24
24	Manta versus Perclose ProGlide vascular closure device after transcatheter aortic valve implantation: Initial experience from a large European center. <i>Cardiovascular Revascularization Medicine</i> , 2022, 37, 34-40.	0.8	24
25	Combined cCTA and TAVR Planning for Ruling Out Significant CAD. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 476-486.	5.3	24
26	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.	1.4	23
27	10-Year All-Cause Mortality Following Percutaneous or Surgical Revascularization in Patients With Heavy Calcification. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 193-204.	2.9	23
28	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.	1.1	22
29	Changes in the haemostatic system after thermoneutral and hyperthermic water immersion. <i>European Journal of Applied Physiology</i> , 2008, 102, 547-554.	2.5	21
30	New concepts for mitral valve imaging. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 787-95.	1.7	20
31	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.	1.4	19
32	Long-term survival after coronary bypass surgery with multiple versus single arterial grafts. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 925-933.	1.4	19
33	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.	1.3	18
34	Mortality 10 Years After Percutaneous or Surgical Revascularization in Patients With Total Coronary Artery Occlusions. <i>Journal of the American College of Cardiology</i> , 2021, 77, 529-540.	2.8	17
35	Single or multiple arterial bypass graft surgery vs. percutaneous coronary intervention in patients with three-vessel or left main coronary artery disease. <i>European Heart Journal</i> , 2022, 43, 1334-1344.	2.2	17
36	Impact of Tricuspid Valve Morphology on Clinical Outcomes After Transcatheter Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1616-1618.	2.9	16

#	ARTICLE	IF	CITATIONS
37	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.	1.4	15
38	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.	0.8	15
39	European registry of type A aortic dissection (ERTAAD) - rationale, design and definition criteria. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 171.	1.1	14
40	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.	3.2	13
41	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.	1.1	12
42	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.	1.3	12
43	Advanced symptoms are associated with myocardial damage in patients with severe aortic stenosis. <i>Journal of Cardiology</i> , 2017, 70, 41-47.	1.9	12
44	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.	1.4	12
45	The Ubiquitin Proteasome System in Ischemic and Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6354.	4.1	12
46	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.	1.4	11
47	Health Status After Transcatheter Tricuspid Valve Repair in Patients With Functional Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2545-2556.	2.9	11
48	Transapical Mitral Valve Implantation for Native Mitral Valve Stenosis Using a Balloon-Expandable Prosthesis. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2030-2036.	1.3	10
49	Multi-biomarker mortality prediction in patients with aortic stenosis undergoing valve replacement. <i>Journal of Cardiology</i> , 2020, 76, 154-162.	1.9	10
50	Annuloplasty ring dehiscence after mitral valve repair: incidence, localization and reoperation. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 57, 300-307.	1.4	8
51	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.	2.9	8
52	Patient-Specific Neocommissural Alignment of the Evolut Valve. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 934-936.	2.9	8
53	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.	1.7	7
54	Transcatheter mitral valve repair: review of current techniques. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 36, 53-63.	0.6	7

#	ARTICLE	IF	CITATIONS
55	Mortality after multivessel revascularisation involving the proximal left anterior descending artery. <i>Heart</i> , 2022, 108, 1784-1791.	2.9	7
56	Impact of Body Composition Indices on Ten-year Mortality After Revascularization of Complex Coronary Artery Disease (From the Syntax Extended Survival Trial). <i>American Journal of Cardiology</i> , 2021, 151, 30-38.	1.6	6
57	Transapical neochord implantation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2011, 2011, .	0.1	5
58	Cooling after successful resuscitation in cardiac surgery patients. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 190.	1.1	5
59	Late device embolization after transcatheter mitral valve edge-to-edge repair. <i>European Heart Journal</i> , 2017, 38, ehw602.	2.2	5
60	Postoperative outcome after reoperative isolated tricuspid valve surgery – is there a predictor for survival?. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 867-871.	1.4	5
61	Combined Coronary CT-Angiography and TAVI Planning: Utility of CT-FFR in Patients with Morphologically Ruled-Out Obstructive Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 1331.	2.4	5
62	Treatment of the aortic root in acute aortic dissection type A: insights from the German Registry for Acute Aortic Dissection Type A. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	5
63	Early- and mid-term outcomes following redo surgical aortic valve replacement in patients with previous transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	5
64	Isolated Mitral Valve Repair in Patients with Reduced Left Ventricular Ejection Fraction. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2019, 25, 326-335.	0.8	4
65	Symetis Acurate Aortic Valve-in-Valve Implantation for Early Degeneration of a Sapien THV Prosthesis. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1880.	1.3	3
66	Preoperative Predictors and Outcome of Triple Valve Surgery in 487 Consecutive Patients. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 174-181.	1.0	3
67	Mitral and tricuspid annuloplasty ring dehiscence, a story yet to be told. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 811-812.	1.4	3
68	Chordal replacement: future surgical gold standard or first-line option as bridge to definitive therapy in primary mitral regurgitation?. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 167-169.	1.7	3
69	Late left ventricular pseudoaneurysm following transfemoral transcatheter aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 172-173.	1.4	2
70	Preoperative determination of artificial chordae length: Wishful thinking?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1632-1633.	0.8	2
71	Acute Effect of Mitral Valve Repair on Mitral Valve Geometry. <i>Thoracic and Cardiovascular Surgeon</i> , 2019, 67, 516-523.	1.0	2
72	Quantification of regurgitation in mitral valve prolapse with automated real time echocardiographic 3D proximal isovelocity surface area: multimodality consistency and role of eccentricity index. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1947-1959.	1.5	2

#	ARTICLE	IF	CITATIONS
73	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.	0.6	2
74	Tricuspid Valve Morphology and Outcome in Patients Undergoing Transcatheter Tricuspid Valve Edge-to-Edge Repair. JACC: Cardiovascular Interventions, 2022, 15, 567-569.	2.9	2
75	CT Planning prior to Transcatheter Mitral Valve Replacement (TMVR). RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 373-383.	1.3	2
76	Minimally Invasive Mitral Valve Repair in a Marfan Patient with Severe Scoliookyphosis. The Thoracic and Cardiovascular Surgeon Reports, 2014, 03, 001-002.	0.3	1
77	Imaging in Cardiac Surgery: Visualizing the Heart. Thoracic and Cardiovascular Surgeon, 2017, 65, S213-S216.	1.0	1
78	Transcatheter aortic valve replacement for patient-prosthesis mismatch: Chronicle of a death foretold. Journal of Cardiac Surgery, 2020, 35, 3606-3609.	0.7	1
79	Clinical Outcomes after Mitral Valve Repair with the Physio II Annuloplasty Ring. Thoracic and Cardiovascular Surgeon, 2022, 70, 100-105.	1.0	1
80	Is the pulmonary pressure directly correlated with the operative risk in patients with isolated tricuspid valve surgery?. Journal of Cardiovascular Surgery, 2021, , .	0.6	1
81	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.	1.7	1
82	Commentary: Prevention of Systolic Anterior Motion After Mitral Repair in Hypertrophic Obstructive Cardiomyopathy: One Simple Stitch Fits All?. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 269-270.	0.6	1
83	Extracting the Fine Structure of the Left Cardiac Ventricle in 4D CT Data. Informatik Aktuell, 2011, , 264-268.	0.6	0
84	Surgical Tricuspid Valve Repair – To 3D or not 3D. European Journal of Cardio-thoracic Surgery, 2022, , .	1.4	0