

# Markus Mach

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

295  
citations

1307594

7  
h-index

996975

15  
g-index

38  
all docs

38  
docs citations

38  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicentre experience with two frozen elephant trunk prostheses in the treatment of acute aortic dissection. European Journal of Cardio-thoracic Surgery, 2019, 56, 572-578.	1.4	64
2	Evaluation of the downstream aorta after frozen elephant trunk repair for aortic dissections in terms of diameter and false lumen status. European Journal of Cardio-thoracic Surgery, 2016, 49, 118-124.	1.4	44
3	Transapical mitral valve implantation for treatment of symptomatic mitral valve disease: a real-world multicentre experience. European Journal of Heart Failure, 2022, 24, 899-907.	7.1	33
4	Vascular Complications in TAVR: Incidence, Clinical Impact, and Management. Journal of Clinical Medicine, 2021, 10, 5046.	2.4	23
5	The Iliofemoral tortuosity score predicts access and bleeding complications during transfemoral transcatheter aortic valve replacement: Data from the Vienna Cardio Thoracic aOrtic valve registry (VICTORY). European Journal of Clinical Investigation, 2021, 51, e13491.	3.4	17
6	Taking the frozen elephant trunk technique to the next level by a stented side branch for a left subclavian artery connection: a feasibility study. European Journal of Cardio-thoracic Surgery, 2021, 59, 1247-1254.	1.4	11
7	Fitness-Tracker Assisted Frailty-Assessment Before Transcatheter Aortic Valve Implantation: Proof-of-Concept Study. JMIR MHealth and UHealth, 2020, 8, e19227.	3.7	11
8	The impact of subclinical congestion on the outcome of patients undergoing transcatheter aortic valve implantation. European Journal of Clinical Investigation, 2020, 50, e13251.	3.4	10
9	Long-term durability after surgical aortic valve replacement with the Trifecta and the Intuity valve—a comparative analysis. European Journal of Cardio-thoracic Surgery, 2022, 61, 416-424.	1.4	10
10	Efficacy and safety of coronary computed tomography angiography in patients with a high clinical likelihood of obstructive coronary artery disease. Kardiologia Polska, 2022, 80, 56-63.	0.6	9
11	Cut-down outperforms complete percutaneous transcatheter valve implantation. Asian Cardiovascular and Thoracic Annals, 2018, 26, 107-113.	0.5	7
12	Mitral Paravalvular Leak Closure: Transcatheter and Surgical Solutions. Cardiovascular Revascularization Medicine, 2020, 21, 422-431.	0.8	6
13	Evaluating the Association between Contrast Medium Dosage and Acute Kidney Injury in Transcatheter Aortic Valve Replacement Using Different Predictive Models. Journal of Clinical Medicine, 2020, 9, 3476.	2.4	5
14	A Sneak-Peek into the Physician's Brain: A Retrospective Machine Learning-Driven Investigation of Decision-Making in TAVR versus SAVR for Young High-Risk Patients with Severe Symptomatic Aortic Stenosis. Journal of Personalized Medicine, 2021, 11, 1062.	2.5	5
15	Identifying Patients without a Survival Benefit following Transfemoral and Transapical Transcatheter Aortic Valve Replacement. Journal of Clinical Medicine, 2021, 10, 4911.	2.4	5
16	Cerebral Protection in TAVR—Can We Do Without? A Real-World All-Corner Intention-to-Treat Study—Impact on Stroke Rate, Length of Hospital Stay, and Twelve-Month Mortality. Journal of Personalized Medicine, 2022, 12, 320.	2.5	5
17	Double arterial perfusion strategy for extensive thoracic aortic surgery to avoid lower body hypothermic circulatory arrest. European Journal of Cardio-thoracic Surgery, 2014, 45, 460-465.	1.4	4
18	Impact of COPD on Outcome in Patients Undergoing Transfemoral versus Transapical TAVI. Thoracic and Cardiovascular Surgeon, 2019, 67, 251-256.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Rapid-deployment aortic valve replacement for patients with bicuspid aortic valve: a single-centre experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	4
20	The use of semi-compliant versus non-compliant balloon systems for predilatation during the implantation of self-expandable transcatheter aortic valves. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13570.	3.4	3
21	Transcatheter versus Isolated Surgical Aortic Valve Replacement in Young High-Risk Patients: A Propensity Score-Matched Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 3447.	2.4	3
22	A Real World 10-Year Experience With Vascular Closure Devices and Large-Bore Access in Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 791693.	2.4	3
23	Impact of Subclinical Congestion on Outcome of Patients Undergoing Mitral Valve Surgery. <i>Biomedicines</i> , 2020, 8, 363.	3.2	2
24	The impact of antiplatelet and antithrombotic regimen after TAVI. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13589.	3.4	2
25	Transcatheter Aortic Valve Implantation in Morphologically Complex Root Aneurysms. <i>Annals of Thoracic Surgery</i> , 2018, 105, e185-e187.	1.3	1
26	Non-ST-elevation myocardial infarction after complex percutaneous coronary intervention and transcatheter aortic valve implantation: a case report of bioprosthesis-related delayed coronary obstruction and its difficult diagnosis. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-5.	0.6	1
27	Complex transcatheter aortic valve replacement in aortic regurgitation and transcatheter mitral annuloplasty in severe dextrocardia. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 997-999.	1.4	1
28	Clinical Impact of Pre-Procedural Percutaneous Coronary Intervention in Low- and Intermediate-Risk Transcatheter Aortic Valve Replacement Recipients. <i>Journal of Personalized Medicine</i> , 2021, 11, 633.	2.5	1
29	The Impact of Chronic Obstructive Pulmonary Disease on Outcome in Patients Undergoing Transfemoral versus Transapical Transcatheter Aortic Valve Implantation: Data from the Vienna transCatheter aOrtic valve RegistrY (VICTORY). <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, .	1.0	1
30	The Change of Mitral Regurgitation Severity after Transfemoral versus transapical Transcatheter Aortic Valve Implantation (TAVI): Data from the Vienna CardioThOracic Aortic Valve RegistrY (VICTORY). <i>Thoracic and Cardiovascular Surgeon</i> , 2016, 64, .	1.0	0
31	Surgical Aortic Valve Replacement in Small Aortic Roots for Aortic Stenosis. <i>Thoracic and Cardiovascular Surgeon</i> , 2018, 66, S1-S110.	1.0	0
32	Twelve Years of Frozen Elephant Trunk Repairs for Complex Aortic Pathologies: A Single Centre Experience in 110 Consecutive Patients. <i>Thoracic and Cardiovascular Surgeon</i> , 2018, 66, S1-S110.	1.0	0
33	Commentary: Transcatheter aortic valve implantation in morphologically complex root-aneurysms.. , 2018, 01, .		0
34	Further Development of the "Frozen Elephant Trunk Technique" with a Side-Branch Stent for the Left Subclavian Artery (FET-SSB): A Feasibility Study in a Human Anatomical Model. , 2020, 68, .		0
35	Anticoagulation and outcomes after surgical aortic valve replacement with a biological prosthesis. <i>European Heart Journal</i> , 2020, 41, .	2.2	0
36	Editorial commentary: Cutting the Gordian knot of right-sided prosthetic valve thrombosis. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.7	0

#	ARTICLE	IF	CITATIONS
37	Deviations From the Ideal Plasma Volume and Isolated Tricuspid Valve Surgery—Paving the Way for New Risk Stratification Parameters. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849972.	2.4	0