

# Helge MÅllmann

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

3,476  
citations

147801

31  
h-index

138484

58  
g-index

75  
all docs

75  
docs citations

75  
times ranked

3600  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020, 382, 120-129.	27.0	362
2	Perioperative Results and Complications in 15,964 Transcatheter Aortic Valve Replacements. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2173-2180.	2.8	349
3	The German Aortic Valve Registry (GARY): in-hospital outcome. <i>European Heart Journal</i> , 2014, 35, 1588-1598.	2.2	304
4	Safety and efficacy of a self-expanding versus a balloon-expandable bioprosthesis for transcatheter aortic valve replacement in patients with symptomatic severe aortic stenosis: a randomised non-inferiority trial. <i>Lancet</i> , 2019, 394, 1619-1628.	13.7	189
5	Bone marrow-derived cells contribute to infarct remodelling. <i>Cardiovascular Research</i> , 2006, 71, 661-671.	3.8	167
6	The German Aortic Valve Registry: 1-year results from 13 680 patients with aortic valve disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 808-816.	1.4	151
7	Conscious Sedation Versus General Anesthesia in Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 567-578.	2.9	102
8	Patients at low surgical risk as defined by the Society of Thoracic Surgeons Score undergoing isolated interventional or surgical aortic valve implantation: in-hospital data and 1-year results from the German Aortic Valve Registry (GARY). <i>European Heart Journal</i> , 2019, 40, 1323-1330.	2.2	97
9	Comparison of Self-Expanding Bioprostheses for Transcatheter Aortic Valve Replacement in Patients With Symptomatic Severe Aortic Stenosis. <i>Circulation</i> , 2020, 142, 2431-2442.	1.6	96
10	Real-world experience using the ACURATE neo prosthesis: 30-day outcomes of 1,000 patients enrolled in the SAVI TF registry. <i>EuroIntervention</i> , 2018, 13, e1764-e1770.	3.2	96
11	Multicenter Comparison of Novel Self-Expanding Versus Balloon-Expandable Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2078-2087.	2.9	84
12	Pacemaker implantation after TAVI: predictors of AV block persistence. <i>Clinical Research in Cardiology</i> , 2018, 107, 60-69.	3.3	71
13	Symetis ACURATE TF aortic bioprosthesis. <i>EuroIntervention</i> , 2013, 9, S107-S110.	3.2	66
14	The SAVI-TF Registry. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1368-1374.	2.9	64
15	Impact of the COVID-19 pandemic on cardiovascular mortality and catheterization activity during the lockdown in central Germany: an observational study. <i>Clinical Research in Cardiology</i> , 2021, 110, 292-301.	3.3	63
16	Outcome after transvascular transcatheter aortic valve implantation in 2016. <i>European Heart Journal</i> , 2018, 39, 667-675.	2.2	61
17	Quality of Life After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2541-2554.	2.9	55
18	Impact of new pacemaker implantation following surgical and transcatheter aortic valve replacement on 1-year outcome. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 151-159.	1.4	55

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19	Transcatheter Aortic Valve Implantation Transapical: Step by Step. Seminars in Thoracic and Cardiovascular Surgery, 2011, 23, 55-61.	0.6	54
20	In-hospital outcome of transcatheter vs. surgical aortic valve replacement in patients with aortic valve stenosis: complete dataset of patients treated in 2013 in Germany. Clinical Research in Cardiology, 2016, 105, 553-559.	3.3	54
21	Trends in aortic valve replacement in Germany in 2015: transcatheter versus isolated surgical aortic valve repair. Clinical Research in Cardiology, 2017, 106, 411-419.	3.3	52
22	Release Kinetics of Inflammatory Biomarkers in a Clinical Model of Acute Myocardial Infarction. Circulation Research, 2015, 116, 867-875.	4.5	51
23	Detection of Myocardial Injury by CMR After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2014, 64, 349-357.	2.8	46
24	Implantation and 30-Day Follow-Up on All A4 Valve Sizes Within the Portico Transcatheter Aortic Bioprosthesis Family. JACC: Cardiovascular Interventions, 2017, 10, 1538-1547.	2.9	46
25	Transfemoral Aortic Valve Implantation of Edwards SAPIEN XT Without Predilatation Is Feasible. Clinical Cardiology, 2014, 37, 667-671.	1.8	43
26	Comparison of outcomes using balloon-expandable versus self-expanding transcatheter prostheses according to the extent of aortic valve calcification. Clinical Research in Cardiology, 2017, 106, 995-1004.	3.3	42
27	Transfemoral TAVI using the self-expanding ACURATE neo prosthesis: one-year outcomes of the multicentre CE-approval cohort. EuroIntervention, 2017, 13, e1040-e1046.	3.2	41
28	Patients at Intermediate Surgical Risk Undergoing Isolated Interventional or Surgical Aortic Valve Implantation for Severe Symptomatic Aortic Valve Stenosis. Circulation, 2018, 138, 2611-2623.	1.6	40
29	Transcatheter Valve SELECTION in Patients With Right Bundle Branch Block and Impact on Pacemaker Implantations. JACC: Cardiovascular Interventions, 2019, 12, 1781-1793.	2.9	38
30	In-hospital mortality in propensity-score matched low-risk patients undergoing routine isolated surgical or transfemoral transcatheter aortic valve replacement in 2014 in Germany. Clinical Research in Cardiology, 2017, 106, 610-617.	3.3	37
31	The ACURATE neo2 valve system for transcatheter aortic valve implantation: 30-day and 1-year outcomes. Clinical Research in Cardiology, 2021, 110, 1912-1920.	3.3	34
32	Aortic valve stenosis: what do people know? A heart valve disease awareness survey of over 8,800 people aged 60 or over. EuroIntervention, 2016, 12, 883-889.	3.2	32
33	Treatment of Aortic Stenosis With a Self-Expanding, Resheathable Transcatheter Valve. Circulation: Cardiovascular Interventions, 2018, 11, e005206.	3.9	30
34	Transfemoral aortic valve implantation of Edwards SAPIEN 3 without predilatation. Catheterization and Cardiovascular Interventions, 2017, 89, E38-E43.	1.7	25
35	Transcatheter Versus Rapid-Deployment Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 2642-2654.	2.9	24
36	Stem cells in myocardial infarction: from bench to bedside. Heart, 2009, 95, 508-514.	2.9	23

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37	Myocardial injury associated with transcatheter aortic valve implantation (TAVI). <i>Clinical Research in Cardiology</i> , 2016, 105, 379-387.	3.3	23
38	Temporal trends in transcatheter and surgical aortic valve replacement. <i>Herz</i> , 2017, 42, 316-324.	1.1	23
39	Transvascular transcatheter aortic valve implantation in 2017. <i>Clinical Research in Cardiology</i> , 2020, 109, 303-314.	3.3	18
40	Transcatheter aortic valve implantation in nonagenarians: insights from the German Aortic Valve Registry (GARY). <i>Clinical Research in Cardiology</i> , 2020, 109, 1099-1106.	3.3	18
41	Sham Surgery and Inter-Individual Heterogeneity Are Major Determinants of Monocyte Subset Kinetics in a Mouse Model of Myocardial Infarction. <i>PLoS ONE</i> , 2014, 9, e98456.	2.5	15
42	Comparison of two valve systems for transapical aortic valve implantation: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 486-492.	1.4	14
43	Transfemoral valve-in-valve implantation of a St. Jude Medical Portico in a failing trileaflet bioprosthesis: a case report. <i>Clinical Research in Cardiology</i> , 2015, 104, 363-365.	3.3	12
44	Heart Valve Disease Awareness Survey 2017: what did we achieve since 2015?. <i>Clinical Research in Cardiology</i> , 2019, 108, 61-67.	3.3	12
45	Effectiveness and Safety of the ACLIRATE Neo Prosthesis in 1,000 Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2020, 131, 12-16.	1.6	12
46	Aortic valve replacement in Germany in 2019. <i>Clinical Research in Cardiology</i> , 2021, 110, 460-465.	3.3	12
47	Transcatheter or surgical aortic valve implantation in chronic dialysis patients: a German Aortic Valve Registry analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 357-367.	3.3	11
48	Lower mortality in an all-comers aortic stenosis population treated with TAVI in comparison to SAVR. <i>Clinical Research in Cardiology</i> , 2020, 109, 611-615.	3.3	10
49	Spotlight on the SAPIEN 3 transcatheter heart valve. <i>Medical Devices: Evidence and Research</i> , 2018, Volume 11, 353-360.	0.8	8
50	Transcatheter-based aortic valve replacement vs. isolated surgical aortic valve replacement in 2020. <i>Clinical Research in Cardiology</i> , 2022, 111, 924-933.	3.3	8
51	Multicenter Evaluation of Prosthesis Oversizing of the SAPIEN 3 Transcatheter Heart Valve. Impact on Device Failure and New Pacemaker Implantations. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 641-648.	0.6	7
52	Early changes in N-terminal pro-B-type natriuretic peptide levels after transcatheter aortic valve replacement and its impact on long-term mortality. <i>International Journal of Cardiology</i> , 2018, 265, 40-46.	1.7	4
53	<i>European Heart Journal</i>, discussion forum. <i>European Heart Journal</i> , 2019, 40, 493-493.	2.2	1
54	Neo to Neo2. <i>JACC: Cardiovascular Interventions</i> , 2022, , .	2.9	1