Marcel Weber

List of Publications by Year in Descending Order

85 papers	1,687 citations	19 h-index	40 g-index
97 ext. papers	2,558 ext. citations	4.3 avg, IF	4.31 L-index

#	Paper	IF	Citations
85	Transcatheter Leaflet Strategies for Tricuspid Regurgitation TriClip and CLASP. *Interventional Cardiology Clinics*, **2022**, 11, 51-66	1.4	
84	Recurrent Mitral Regurgitation After MitraClip: Predictive Factors, Morphology, and Clinical Implication.. *Circulation: Cardiovascular Interventions*, **2022**, CIRCINTERVENTIONS121010895	6	3
83	Left atrial function index (LAFI) and outcome in patients undergoing transcatheter aortic valve replacement.. *Clinical Research in Cardiology*, **2022**, 1	6.1	0
82	Percutaneous trans-axilla transcatheter aortic valve replacement.. *Heart and Vessels*, **2022**, 1	2.1	1
81	Assessment of LAA Strain and Thrombus Mobility and Its Impact on Thrombus Resolution-Added-Value of a Novel Echocardiographic Thrombus Tracking Method.. *Cardiovascular Engineering and Technology*, **2022**, 1	2.2	0
80	Thirty-day outcomes of the Cardioband tricuspid system for patients with symptomatic functional tricuspid regurgitation: The TriBAND study. *EuroIntervention*, **2021**, 17, 809-817	3.1	4
79	Early response of right-ventricular function to percutaneous mitral valve repair. *Clinical Research in Cardiology*, **2021**, 1	6.1	3
78	Association of heart failure duration with clinical outcomes after transcatheter mitral valve repair for functional mitral regurgitation. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E412-E419	2.7	
77	12-Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. *Catheterization and Cardiovascular Interventions*, **2021**, 97, 1281-1289	2.7	8
76	Feasibility of CT-derived myocardial strain measurement in patients with advanced cardiac valve disease. *Scientific Reports*, **2021**, 11, 8793	4.9	3
75	A novel scoring system to estimate chemotherapy-induced myocardial toxicity: Risk assessment prior to non-anthracycline chemotherapy regimens. *IJC Heart and Vasculature*, **2021**, 33, 100751	2.4	0
74	Prognostic significance of the get with the guidelines-heart failure (GWTG-HF) risk score in patients undergoing trans-catheter tricuspid valve repair (TTVR). *Heart and Vessels*, **2021**, 36, 1903-1910	2.1	3
73	The predictive value of intraprocedural mitral gradient for outcomes after MitraClip and its peri-interventional dynamics. *Echocardiography*, **2021**, 38, 1115-1124	1.5	0
72	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. *EuroIntervention*, **2021**, 17, e343-e352	3.1	10
71	Transcatheter Triple-Valve Intervention. *JACC: Cardiovascular Interventions*, **2021**, 14, e179-e181	5	0
70	Transcatheter Tricuspid Valve Intervention in Patients With Previous Left Valve Surgery. *Canadian Journal of Cardiology*, **2021**, 37, 1094-1102	3.8	1
69	Clinical outcomes and thrombus resolution in patients with solid left atrial appendage thrombi: results of a single-center real-world registry. *Clinical Research in Cardiology*, **2021**, 110, 72-83	6.1	4

68	Impact of cancer history on clinical outcome in patients undergoing transcatheter edge-to-edge mitral repair. *Clinical Research in Cardiology*, **2021**, 110, 440-450	6.1	1
67	PASCAL versus MitraClip-XTR edge-to-edge device for the treatment of tricuspid regurgitation: a propensity-matched analysis. *Clinical Research in Cardiology*, **2021**, 110, 451-459	6.1	5
66	Transcatheter Edge-to-Edge Repair for Treatment of Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2021**, 77, 229-239	15.1	58
65	Use of Pre- and Intensified Postprocedural Physiotherapy in Patients with Symptomatic Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement Study (the 4P-TAVR Study). *Journal of Interventional Cardiology*, **2021**, 2021, 8894223	1.8	3
64	QRS duration is a risk indicator of adverse outcomes after MitraClip. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E594-E601	2.7	
63	Tricuspid valve repair with the Cardioband system: two-year outcomes of the multicentre, prospective TRI-REPAIR study. *EuroIntervention*, **2021**, 16, e1264-e1271	3.1	29
62	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension: Insights From the TriValve Registry. *Circulation: Cardiovascular Interventions*, **2021**, 14, e009685	6	7
61	Prognostic impact of hepatorenal function in patients undergoing transcatheter tricuspid valve repair. *Scientific Reports*, **2021**, 11, 14420	4.9	1
60	Leaflet Configuration and Residual Tricuspid Regurgitation After Transcatheter Edge-to-Edge Tricuspid Repair. *JACC: Cardiovascular Interventions*, **2021**, 14, 2260-2270	5	4
59	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. *JACC: Cardiovascular Interventions*, **2020**, 13, 1251-1261	5	24
58	Prognostic Impact of Redo Transcatheter Mitral Valve Repair for Recurrent Mitral Regurgitation. *American Journal of Cardiology*, **2020**, 130, 123-129	3	3
57	Aortic Valve Deformation During Transcatheter Mitral Valve Replacement. *JACC: Cardiovascular Interventions*, **2020**, 13, 1603-1604	5	
56	Safety and Efficacy of Protamine Administration for Prevention of Bleeding Complications in Patients Undergoing TAVR. *JACC: Cardiovascular Interventions*, **2020**, 13, 1471-1480	5	6
55	NeoChord System as an Alternative Option Upon Transmitral Pressure Gradient Elevation in the MitraClip Procedure. *JACC: Cardiovascular Interventions*, **2020**, 13, e39-e40	5	1
54	TAVR outcome after reclassification of aortic valve stenosis by using a hybrid continuity equation that combines computed tomography and echocardiography data. *Catheterization and Cardiovascular Interventions*, **2020**, 96, 958-967	2.7	1
53	Impact of combined baseline and postprocedural troponin values on clinical outcome following the MitraClip procedure. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E735-E743	2.7	1
52	Pulmonary capillary wedge pressure (PCWP) as prognostic indicator in patients undergoing transcatheter valve repair (TTVR) of severe tricuspid regurgitation. *International Journal of Cardiology*, **2020**, 318, 32-38	3.2	3
51	Outcomes of TTVI in Patients With Pacemaker or Defibrillator Leads: Data From the TriValve Registry. *JACC: Cardiovascular Interventions*, **2020**, 13, 554-564	5	12

50	Combined Tricuspid and Mitral Versus Isolated Mitral Valve Repair For Severe MR and TR: An Analysis From the TriValve and TRAMI Registries. *JACC: Cardiovascular Interventions*, **2020**, 13, 543-550	5	32
49	Impact of Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2020**, 13, 1135-1137	5	4
48	Comparison of different imaging modalities for the quantification of tricuspid valve geometry and regurgitation: a retrospective, single-center study. *Health Science Reports*, **2020**, 3, e159	2.2	0
47	Outcomes of myocardial fibrosis in patients undergoing transcatheter aortic valve replacement. *EuroIntervention*, **2020**, 15, 1417-1423	3.1	4
46	Fractional flow reserve in patients with coronary artery disease undergoing TAVI: a prospective analysis. *Clinical Research in Cardiology*, **2020**, 109, 746-754	6.1	5
45	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation. *PLoS ONE*, **2020**, 15, e0236265	3.7	1
44	Interventionelle Therapie der Trikuspidalklappeninsuffizienz. *CardioVasc*, **2020**, 20, 35-38	0	
43	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. *JACC: Cardiovascular Interventions*, **2020**, 13, 1999-2009	5	18
42	Impact of Coronary Artery Disease on Outcomes in Patients Undergoing Percutaneous Edge-to-Edge Repair. *JACC: Cardiovascular Interventions*, **2020**, 13, 2137-2145	5	0
41	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
40	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
39	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
38	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
37	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
36	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation **2020**, 15, e0236265		
35	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2019**, 74, 2998-3008	15.1	127
34	Early versus newer generation transcatheter heart valves for transcatheter aortic valve implantation: Echocardiographic and hemodynamic evaluation of an all-comers study cohort using the dimensionless aortic regurgitation index (AR-index). *PLoS ONE*, **2019**, 14, e0217544	3.7	8
33	6-Month Outcomes of Tricuspid Valve Reconstruction for Patients With Severe Tricuspid Regurgitation. *Journal of the American College of Cardiology*, **2019**, 73, 1905-1915	15.1	100

32	Long-term follow-up after stent graft placement for access-site and access-related vascular injury during TAVI - The Bonn-Copenhagen experience. *International Journal of Cardiology*, **2019**, 281, 42-46	3.2	5
31	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation: Results From the TriValve Registry. *JACC: Cardiovascular Interventions*, **2019**, 12, 1451-1461	5	74
30	Transcatheter edge-to-edge repair for reduction of tricuspid regurgitation: 6-month outcomes of the TRILUMINATE single-arm study. *Lancet, The*, **2019**, 394, 2002-2011	40	126
29	Intravascular Lithotripsy in Calcified Coronary Lesions: A Prospective, Observational, Multicenter Registry. *Circulation: Cardiovascular Interventions*, **2019**, 12, e008154	6	31
28	Leaflet edge-to-edge treatment versus direct annuloplasty in patients with functional mitral regurgitation. *EuroIntervention*, **2019**, 15, 912-918	3.1	8
27	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation: A Multicenter, Observational, First-in-Human Experience. *JACC: Cardiovascular Interventions*, **2019**, 12, 2488-2495	5	55
26	Combined Percutaneous Therapy for Tricuspid Regurgitation Using the Cardioband and PASCAL System in 1 Procedure. *JACC: Cardiovascular Interventions*, **2019**, 12, e197-e198	5	3
25	Impact of the Leaflet-to-Annulus Index on Residual Mitral Regurgitation in Patients Undergoing Edge-to-Edge Mitral Repair. *JACC: Cardiovascular Interventions*, **2019**, 12, 2462-2472	5	9
24	Staged transcatheter valve repair via MitraClip XTR after Cardioband for tricuspid regurgitation. *European Heart Journal Cardiovascular Imaging*, **2019**, 20, 118	4.1	6
23	Provisional Closure of an Iatrogenic Atrial Septal Defect for Shunt Reversal After Transcatheter Treatment of Tricuspid Regurgitation. *Journal of Invasive Cardiology*, **2019**, 31, E298-E299	0.7	1
22	Combination of high-sensitivity C-reactive protein with logistic EuroSCORE improves risk stratification in patients undergoing TAVI. *EuroIntervention*, **2018**, 14, 629-636	3.1	2
21	Successful Edge-to-Edge Mitral Repair Using the New MitraClip XTR System Following Rupture of Transapical Implanted NeoChord. *JACC: Cardiovascular Interventions*, **2018**, 11, e175-e177	5	5
20	Impact of interventional edge-to-edge repair on mitral valve geometry. *International Journal of Cardiology*, **2017**, 230, 468-475	3.2	16
19	Impact of coronary artery disease in patients undergoing transfemoral transcatheter aortic valve implantation. *International Journal of Cardiology*, **2017**, 245, 215-221	3.2	19
18	Periprocedural Myocardial Injury Depends on Transcatheter Heart Valve Type But Does Not Predict Mortality in Patients After Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2017**, 10, 1550-1560	5	20
17	Balloon post-dilation and valve-in-valve implantation for the reduction of paravalvular leakage with use of the self-expanding CoreValve prosthesis. *EuroIntervention*, **2016**, 11, 1140-7	3.1	13
16	Noninvasive model including right ventricular speckle tracking for the evaluation of pulmonary hypertension. *World Journal of Cardiology*, **2016**, 8, 472-80	2.1	2
15	Speckle tracking echocardiography in chronic obstructive pulmonary disease and overlapping obstructive sleep apnea. *International Journal of COPD*, **2016**, 11, 1823-34	3	4

14	Pre-Procedural Hemodynamic Status Improves the Discriminatory Value of the Aortic Regurgitation Index in Patients Undergoing Transcatheter Aortic Valve Replacement. *JACC: Cardiovascular Interventions*, **2016**, 9, 700-11	5	23
13	Sympathetic Activity in Patients With Secondary Symptomatic Mitral Regurgitation or End-Stage Systolic Heart Failure. *JACC: Cardiovascular Interventions*, **2016**, 9, 2050-2057	5	4
12	Risk scores and biomarkers for the prediction of 1-year outcome after transcatheter aortic valve replacement. *American Heart Journal*, **2015**, 170, 821-9	4.9	35
11	Impact of left ventricular conduction defect with or without need for permanent right ventricular pacing on functional and clinical recovery after TAVR. *Clinical Research in Cardiology*, **2015**, 104, 964-74	6.1	22
10	ZURUECKGEZOGEN: Kommentar zu den Leitlinien der Europischen Gesellschaft fr Kardiologie (ESC) zur Behandlung von Herzklappenerkrankungen. *Kardiologe*, **2015**, 9, 46-46	0.6	
9	Permanent Pacemaker Implantation after TAVR - Predictors and Impact on Outcomes. *Interventional Cardiology Review*, **2015**, 10, 98-102	4.2	11
8	Acute changes of mitral valve geometry during interventional edge-to-edge repair with the MitraClip system are associated with midterm outcomes in patients with functional valve disease: preliminary results from a prospective single-center study. *Circulation: Cardiovascular Interventions*, **2014**, 7, 390-9	6	40
7	Three-dimensional imaging of the aortic valve geometry for prosthesis sizing prior to transcatheter aortic valve replacement. *International Journal of Cardiology*, **2014**, 174, 844-9	3.2	8
6	Transapical transcatheter aortic valve replacement with simultaneous paravalvular leakage closure in a patient with severely degenerated aortic valve bioprosthesis. *European Heart Journal Cardiovascular Imaging*, **2014**, 15, 1058	4.1	
5	Novel approaches for prevention of stroke related to transcatheter aortic valve implantation. *Expert Review of Cardiovascular Therapy*, **2013**, 11, 1311-20	2.5	7
4	Three-dimensional speckle-tracking analysis of left ventricular function after transcatheter aortic valve implantation. *Journal of the American Society of Echocardiography*, **2012**, 25, 827-834.e1	5.8	44
3	Silent and apparent cerebral ischemia after percutaneous transfemoral aortic valve implantation: a diffusion-weighted magnetic resonance imaging study. *Circulation*, **2010**, 121, 870-8	16.7	387
2	Vascular access site complications after percutaneous transfemoral aortic valve implantation. *Herz*, **2009**, 34, 398-408	2.6	81
1	Evaluation of Posttraumatic Cerebral Blood Flow Velocities by Transcranial Doppler Ultrasonography. *Neurosurgery*, **1990**, 27, 106-112	3.2	125