

Marcel Weber

List of Publications by Year in descending order

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94
papers

3,231
citations

236612

25
h-index

161609

54
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97
all docs

97
docs citations

97
times ranked

2363
citing authors

#	ARTICLE	IF	CITATIONS
1	Silent and Apparent Cerebral Ischemia After Percutaneous Transfemoral Aortic Valve Implantation. <i>Circulation</i> , 2010, 121, 870-878.	1.6	483
2	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2998-3008.	1.2	302
3	Transcatheter edge-to-edge repair for reduction of tricuspid regurgitation: 6-month outcomes of the TRILUMINATE single-arm study. <i>Lancet, The</i> , 2019, 394, 2002-2011.	6.3	283
4	Transcatheter Edge-to-Edge Repair for Treatment of Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2021, 77, 229-239.	1.2	247
5	6-Month Outcomes of Tricuspid Valve Reconstruction for Patients With Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1905-1915.	1.2	172
6	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1451-1461.	1.1	160
7	Evaluation of Posttraumatic Cerebral Blood Flow Velocities by Transcranial Doppler Ultrasonography. <i>Neurosurgery</i> , 1990, 27, 106-112.	0.6	135
8	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2488-2495.	1.1	109
9	Tricuspid valve repair with the Cardioband system: two-year outcomes of the multicentre, prospective TRI-REPAIR study. <i>EuroIntervention</i> , 2021, 16, e1264-e1271.	1.4	100
10	Vascular Access Site Complications after Percutaneous Transfemoral Aortic Valve Implantation. <i>Herz</i> , 2009, 34, 398-408.	0.4	96
11	Intravascular Lithotripsy in Calcified Coronary Lesions. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008154.	1.4	69
12	Combined Tricuspid and Mitral Versus Isolated Mitral Valve Repair for Severe MR and TR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 543-550.	1.1	63
13	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1251-1261.	1.1	52
14	Three-Dimensional Speckle-Tracking Analysis of Left Ventricular Function after Transcatheter Aortic Valve Implantation. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 827-834.e1.	1.2	51
15	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. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 390-399.	1.4	51
16	Risk scores and biomarkers for the prediction of 1-year outcome after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2015, 170, 821-829.	1.2	43
17	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1999-2009.	1.1	42
18	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. <i>EuroIntervention</i> , 2021, 17, e343-e352.	1.4	41

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19	Recurrent Mitral Regurgitation After MitraClip: Predictive Factors, Morphology, and Clinical Implication. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, CIRCINTERVENTIONS121010895.	1.4	34
20	Pre-Procedural Hemodynamic Status Improves the Discriminatory Value of the Aortic Regurgitation Index in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 700-711.	1.1	33
21	Periprocedural Myocardial Injury Depends on Transcatheter Heart Valve Type But Does Not Predict Mortality in Patients After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1550-1560.	1.1	33
22	Thirty-day outcomes of the Cardioband tricuspid system for patients with symptomatic functional tricuspid regurgitation: The TriBAND study. <i>EuroIntervention</i> , 2021, 17, 809-817.	1.4	33
23	Transapical mitral valve implantation for treatment of symptomatic mitral valve disease: a real-world multicentre experience. <i>European Journal of Heart Failure</i> , 2022, 24, 899-907.	2.9	33
24	Outcomes of TTVI in Patients With Pacemaker or Defibrillator Leads. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 554-564.	1.1	32
25	Leaflet Configuration and Residual Tricuspid Regurgitation After Transcatheter Edge-to-Edge Tricuspid Repair. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2260-2270.	1.1	30
26	12-Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1281-1289.	0.7	29
27	Impact of coronary artery disease in patients undergoing transfemoral transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , 2017, 245, 215-221.	0.8	28
28	Safety and Efficacy of Protamine Administration for Prevention of Bleeding Complications in Patients Undergoing TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1471-1480.	1.1	28
29	Impact of left ventricular conduction defect with or without need for permanent right ventricular pacing on functional and clinical recovery after TAVR. <i>Clinical Research in Cardiology</i> , 2015, 104, 964-974.	1.5	27
30	Impact of the Leaflet-to-Annulus Index on Residual Mitral Regurgitation in Patients Undergoing Edge-to-Edge Mitral Repair. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2462-2472.	1.1	26
31	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009685.	1.4	26
32	Impact of interventional edge-to-edge repair on mitral valve geometry. <i>International Journal of Cardiology</i> , 2017, 230, 468-475.	0.8	22
33	PASCAL versus MitraClip-XTR edge-to-edge device for the treatment of tricuspid regurgitation: a propensity-matched analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 451-459.	1.5	18
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). <i>PLoS ONE</i> , 2019, 14, e0217544.	1.1	17
35	Long-term follow-up after stent graft placement for access-site and access-related vascular injury during TAVI – The Bonn-Copenhagen experience. <i>International Journal of Cardiology</i> , 2019, 281, 42-46.	0.8	17
36	Balloon post-dilation and valve-in-valve implantation for the reduction of paravalvular leakage with use of the self-expanding CoreValve prosthesis. <i>EuroIntervention</i> , 2016, 11, 1140-1147.	1.4	17

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37	Impact of Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1135-1137.	1.1	12
38	Clinical outcomes and thrombus resolution in patients with solid left atrial appendage thrombi: results of a single-center real-world registry. <i>Clinical Research in Cardiology</i> , 2021, 110, 72-83.	1.5	12
39	Permanent Pacemaker Implantation after TAVR – Predictors and Impact on Outcomes. <i>Interventional Cardiology Review</i> , 2015, 10, 98.	0.7	12
40	Leaflet edge-to-edge treatment versus direct annuloplasty in patients with functional mitral regurgitation. <i>EuroIntervention</i> , 2019, 15, 912-918.	1.4	12
41	Staged transcatheter valve repair via MitraClip XTR after Cardioband for tricuspid regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 118-118.	0.5	11
42	Feasibility of CT-derived myocardial strain measurement in patients with advanced cardiac valve disease. <i>Scientific Reports</i> , 2021, 11, 8793.	1.6	11
43	Fractional flow reserve in patients with coronary artery disease undergoing TAVI: a prospective analysis. <i>Clinical Research in Cardiology</i> , 2020, 109, 746-754.	1.5	10
44	Three-dimensional imaging of the aortic valve geometry for prosthesis sizing prior to transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2014, 174, 844-849.	0.8	9
45	Speckle tracking echocardiography in chronic obstructive pulmonary disease and overlapping obstructive sleep apnea. <i>International Journal of COPD</i> , 2016, Volume 11, 1823-1834.	0.9	9
46	Novel approaches for prevention of stroke related to transcatheter aortic valve implantation. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 1311-1320.	0.6	8
47	Impact of cancer history on clinical outcome in patients undergoing transcatheter edge-to-edge mitral repair. <i>Clinical Research in Cardiology</i> , 2021, 110, 440-450.	1.5	8
48	Successful Edge-to-Edge Mitral Repair Using the New MitraClip XTR System Following Rupture of Transapical Implanted NeoChord. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, e175-e177.	1.1	7
49	Prognostic impact of hepatorenal function in patients undergoing transcatheter tricuspid valve repair. <i>Scientific Reports</i> , 2021, 11, 14420.	1.6	7
50	Outcomes of myocardial fibrosis in patients undergoing transcatheter aortic valve replacement. <i>EuroIntervention</i> , 2020, 15, 1417-1423.	1.4	7
51	Prognostic Impact of Redo Transcatheter Mitral Valve Repair for Recurrent Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2020, 130, 123-129.	0.7	6
52	Comparison of different imaging modalities for the quantification of tricuspid valve geometry and regurgitation: a retrospective, single-center study. <i>Health Science Reports</i> , 2020, 3, e159.	0.6	6
53	Use of Pre- and Intensified Postprocedural Physiotherapy in Patients with Symptomatic Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement Study (the 4P-TAVR Study). <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-8.	0.5	6
54	A novel scoring system to estimate chemotherapy-induced myocardial toxicity: Risk assessment prior to non-anthracycline chemotherapy regimens. <i>IJC Heart and Vasculature</i> , 2021, 33, 100751.	0.6	6

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55	Impact of right ventricular-pulmonary arterial coupling on clinical outcomes of tricuspid regurgitation. <i>EuroIntervention</i> , 2022, 18, 852-861.	1.4	6
56	Sympathetic Activity in Patients With Secondary Symptomatic Mitral Regurgitation or End-Stage Systolic Heart Failure. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2050-2057.	1.1	5
57	Impact of Coronary Artery Disease on Outcomes in Patients Undergoing Percutaneous Edge-to-Edge Repair. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2137-2145.	1.1	5
58	TAVR outcome after reclassification of aortic valve stenosis by using a hybrid continuity equation that combines computed tomography and echocardiography data. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 958-967.	0.7	5
59	Combination of high-sensitivity C-reactive protein with logistic EuroSCORE improves risk stratification in patients undergoing TAVI. <i>EuroIntervention</i> , 2018, 14, 629-636.	1.4	5
60	Early response of right-ventricular function to percutaneous mitral valve repair. <i>Clinical Research in Cardiology</i> , 2022, 111, 859-868.	1.5	5
61	Frailty, malnutrition, and the endocrine system impact outcome in patients undergoing aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 145-157.	0.7	4
62	Transcatheter Tricuspid Valve Intervention in Patients With Previous Left Valve Surgery. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1094-1102.	0.8	4
63	Noninvasive model including right ventricular speckle tracking for the evaluation of pulmonary hypertension. <i>World Journal of Cardiology</i> , 2016, 8, 472.	0.5	4
64	Haemodynamic differences between two generations of a balloon-expandable transcatheter heart valve. <i>Heart</i> , 2022, 108, 1479-1485.	1.2	4
65	Percutaneous trans-axilla transcatheter aortic valve replacement. <i>Heart and Vessels</i> , 2022, 37, 1801-1807.	0.5	4
66	Assessment of LAA Strain and Thrombus Mobility and Its Impact on Thrombus Resolution – Added-Value of a Novel Echocardiographic Thrombus Tracking Method. <i>Cardiovascular Engineering and Technology</i> , 2022, , 1.	0.7	4
67	Combined Percutaneous Therapy for Tricuspid Regurgitation Using the Cardioband and PASCAL System in a Procedure. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, e197-e198.	1.1	3
68	Pulmonary capillary wedge pressure (PCWP) as prognostic indicator in patients undergoing transcatheter valve repair (TTVR) of severe tricuspid regurgitation. <i>International Journal of Cardiology</i> , 2020, 318, 32-38.	0.8	3
69	Prognostic significance of the get with the guidelines-heart failure (GWTC-HF) risk score in patients undergoing trans-catheter tricuspid valve repair (TTVR). <i>Heart and Vessels</i> , 2021, 36, 1903-1910.	0.5	3
70	The predictive value of intraprocedural mitral gradient for outcomes after MitraClip and its pericardial dynamics. <i>Echocardiography</i> , 2021, 38, 1115-1124.	0.3	3
71	Baseline PA/BSA ratio in patients undergoing transcatheter aortic valve replacement – A novel CT-based marker for the prediction of pulmonary hypertension and outcome. <i>International Journal of Cardiology</i> , 2022, 348, 26-32.	0.8	3
72	NeoChord System as an Alternative Option Upon Transmitral Pressure Gradient Elevation in the MitraClip Procedure. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e39-e40.	1.1	2

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73	Transcatheter tricuspid intervention: ready for primetime?. Heart, 2022, 108, 479-491.	1.2	2
74	Left atrial function index (LAFI) and outcome in patients undergoing transcatheter aortic valve replacement. Clinical Research in Cardiology, 2022, 111, 944-954.	1.5	2
75	A staging classification of right heart remodelling for patients undergoing transcatheter edge-to-edge mitral valve repair. EuroIntervention, 2022, 18, 43-49.	1.4	2
76	Predictive value of the Fibrosis-4 index in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement. Clinical Research in Cardiology, 2022, 111, 1367-1376.	1.5	2
77	Association of heart failure duration with clinical outcomes after transcatheter mitral valve repair for functional mitral regurgitation. Catheterization and Cardiovascular Interventions, 2020, 98, E412-E419.	0.7	1
78	The modified MIDA-Score predicts mid-term outcomes after interventional therapy of functional mitral regurgitation. PLoS ONE, 2020, 15, e0236265.	1.1	1
79	Impact of combined baseline and postprocedural troponin values on clinical outcome following the MitraClip procedure. Catheterization and Cardiovascular Interventions, 2020, 96, E735-E743.	0.7	1
80	Transcatheter Triple-Valve Intervention. JACC: Cardiovascular Interventions, 2021, 14, e179-e181.	1.1	1
81	Trikuspidalinsuffizienz: Die vernachlässigte Klappe. , 0, , .		1
82	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.	0.4	1
83	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, 1058-1058.	0.5	0
84	Another Piece in the Tricuspid Puzzle. JACC: Cardiovascular Interventions, 2019, 12, 1435-1437.	1.1	0
85	COPD Does Not Corrupt COAPT. JACC: Cardiovascular Interventions, 2020, 13, 2804-2805.	1.1	0
86	Aortic Valve Deformation During Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 1603-1604.	1.1	0
87	QRS duration is a risk indicator of adverse outcomes after MitraClip. Catheterization and Cardiovascular Interventions, 2021, 98, E594-E601.	0.7	0
88	Transcatheter Leaflet Strategies for Tricuspid Regurgitation TriClip and CLASP. Interventional Cardiology Clinics, 2022, 11, 51-66.	0.2	0
89	Title is missing!. , 2020, 15, e0236265.		0
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