Ralph Stephan von Bardeleben

List of Publications by Year
in descending order

105 papers	5,052 citations	101384 36 h-index	98622 67 g-index
114 all docs	114 docs citations	114 times ranked	3906 citing authors

#	Article	IF	Citations
1	One-year outcomes and predictors of mortality after MitraClip therapy in contemporary clinical practice: results from the German transcatheter mitral valve interventions registry. European Heart Journal, 2016, 37, 703-712.	1.0	373
2	Echocardiographic reference ranges for normal cardiac chamber size: results from the NORRE study. European Heart Journal Cardiovascular Imaging, 2014, 15, 680-690.	0.5	324
3	Transcatheter Versus Medical Treatment of Patients With Symptomatic SevereÂTricuspid Regurgitation. Journal of the American College of Cardiology, 2019, 74, 2998-3008.	1.2	302
4	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.	6.3	283
5	Transcatheter Edge-to-Edge RepairÂforÂTreatment of TricuspidÂRegurgitation. Journal of the American College of Cardiology, 2021, 77, 229-239.	1.2	247
6	Echocardiographic reference ranges for normal left ventricular 2D strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 833-840.	0.5	228
7	Echocardiographic reference ranges for normal non-invasive myocardial work indices: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2019, 20, 582-590.	0.5	204
8	Echocardiographic reference ranges for normal cardiac Doppler data: results from the NORRE Study. European Heart Journal Cardiovascular Imaging, 2015, 16, 1031-41.	0.5	184
9	Echocardiographic reference ranges for normal left atrial function parameters: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2018, 19, 630-638.	0.5	159
10	Transcatheter treatment for tricuspid valve disease. EuroIntervention, 2021, 17, 791-808.	1.4	136
11	Transfemoral Transcatheter Tricuspid Valve Replacement With the EVOQUEÂSystem. JACC: Cardiovascular Interventions, 2021, 14, 501-511.	1.1	113
12	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2019, 12, 2488-2495.	1.1	109
13	The REDUCE FMR Trial. JACC: Heart Failure, 2019, 7, 945-955.	1.9	106
14	Risk and outcomes of complications during and after MitraClip implantation: Experience in 828 patients from the German TRAnscatheter mitral valve interventions (TRAMI) registry. Catheterization and Cardiovascular Interventions, 2015, 86, 728-735.	0.7	104
15	Tricuspid valve repair with the Cardioband system: two-year outcomes of the multicentre, prospective TRI-REPAIR study. EuroIntervention, 2021, 16, e1264-e1271.	1.4	100
16	Right Ventricular-Pulmonary Arterial Coupling and Afterload Reserve in Patients Undergoing Transcatheter Tricuspid Valve Repair. Journal of the American College of Cardiology, 2022, 79, 448-461.	1.2	96
17	Normal Reference Ranges for Echocardiography: rationale, study design, and methodology (NORRE) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	91
18	Two-dimensional transthoracic echocardiographic normal reference ranges for proximal aorta dimensions: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 167-179.	0.5	81

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19	The management of secondary mitral regurgitation in patients with heart failure: a joint position statement from the Heart Failure Association (HFA), European Association of Cardiovascular Imaging (EACVI), European Heart Rhythm Association (EHRA), and European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC. European Heart Journal, 2021, 42, 1254-1269.	1.0	78
20	Long term follow up after percutaneous closure of PFO in 357 patients with paradoxical embolism: Difference in occlusion systems and influence of atrial septum aneurysm. International Journal of Cardiology, 2009, 134, 33-41.	0.8	74
21	3D echocardiographic reference ranges for normal left ventricular volumes and strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 475-483.	0.5	74
22	Long-term outcome, survival and predictors of mortality after MitraClip therapy: Results from the German Transcatheter Mitral Valve Interventions (TRAMI) registry. International Journal of Cardiology, 2019, 277, 35-41.	0.8	72
23	Impact of Right Ventricular Dysfunction on Outcomes After Transcatheter Edge-to-Edge Repair for Secondary Mitral Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 768-778.	2.3	65
24	Correlation between non-invasive myocardial work indices and main parameters of systolic and diastolic function: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2020, 21, 533-541.	0.5	63
25	Combined Tricuspid and Mitral VersusÂIsolatedÂMitral Valve RepairÂforÂSevereÂMR and TR. JACC: Cardiovascular Interventions, 2020, 13, 543-550.	1.1	63
26	Direct measurement of left ventricular outflow tract by transthoracic real-time 3D-echocardiography increases accuracy in assessment of aortic valve stenosis. International Journal of Cardiology, 2009, 136, 64-71.	0.8	59
27	Immediate effect of the MitraClip(R) procedure on mitral ring geometry in primary and secondary mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2013, 14, 851-857.	0.5	56
28	Patient selection, echocardiographic screening and treatment strategies for interventional tricuspid repair using the edge-to-edge repair technique. EuroIntervention, 2018, 14, 645-653.	1.4	55
29	Device Therapy in Chronic HeartÂFailure. Journal of the American College of Cardiology, 2021, 78, 931-956.	1.2	50
30	Short-Term Clinical Outcomes of Transcatheter Tricuspid Valve Repair With the Third-Generation MitraClip XTR System. JACC: Cardiovascular Interventions, 2021, 14, 1231-1240.	1.1	45
31	Assessment of the Tricuspid Valve Morphology by Transthoracic Real-Time-3D-Echocardiography. Echocardiography, 2005, 22, 15-23.	0.3	43
32	First in human transcatheter COMBO mitral valve repair with direct ring annuloplasty and neochord leaflet implantation to treat degenerative mitral regurgitation: feasibility of the simultaneous toolbox concept guided by 3D echo and computed tomography fusion imaging. European Heart Journal, 2018, 39, 1314-1315.	1.0	43
33	Impact of Massive or Torrential Tricuspid Regurgitation in Patients Undergoing Transcatheter Tricuspid Valve Intervention. JACC: Cardiovascular Interventions, 2020, 13, 1999-2009.	1.1	42
34	Impact of Proportionality of Secondary Mitral Regurgitation on Outcome After Transcatheter Mitral Valve Repair. JACC: Cardiovascular Imaging, 2021, 14, 715-725.	2.3	42
35	Outcomes of transcatheter tricuspid valve intervention by right ventricular function: a multicentre propensity-matched analysis. EuroIntervention, 2021, 17, e343-e352.	1.4	41
36	Core Competencies in EchocardiographyÂfor Imaging StructuralÂHeart Disease Interventions. JACC: Cardiovascular Imaging, 2019, 12, 2560-2570.	2.3	38

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37	Incidence and in-hospital safety outcomes of patients undergoing percutaneous mitral valve edge-to-edge repair using MitraClip: five-year German national patient sample including 13,575 implants. EuroIntervention, 2019, 14, 1725-1732.	1.4	38
38	Complications Following MitraClip Implantation. Current Cardiology Reports, 2021, 23, 131.	1.3	37
39	Clinical outcome of critically ill, not fully recompensated, patients undergoing <scp>MitraClip</scp> therapy. European Journal of Heart Failure, 2014, 16, 1223-1229.	2.9	34
40	Outcomes Stratified by Adapted Inclusion Criteria After Mitral Edge-to-Edge Repair. Journal of the American College of Cardiology, 2021, 78, 2408-2421.	1.2	34
41	Thirty-day outcomes of the Cardioband tricuspid system for patients with symptomatic functional tricuspid regurgitation: The TriBAND study. EuroIntervention, 2021, 17, 809-817.	1.4	33
42	Transcatheter Mitral Valve Repair inÂPatients With Atrial Functional MitralÂRegurgitation. JACC: Cardiovascular Imaging, 2022, 15, 1843-1851.	2.3	33
43	Outcomes of TTVI in Patients With Pacemaker or Defibrillator Leads. JACC: Cardiovascular Interventions, 2020, 13, 554-564.	1.1	32
44	Characteristics and outcomes of patients screened for transcatheter mitral valve implantation: <scp>1â€year</scp> results from the <scp>CHOICEâ€MI</scp> registry. European Journal of Heart Failure, 2022, 24, 887-898.	2.9	32
45	Echocardiographic reference ranges for normal left ventricular layer-specific strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2020, 21, 896-905.	0.5	29
46	12â€Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. Catheterization and Cardiovascular Interventions, 2021, 97, 1281-1289.	0.7	29
47	The structural heart disease interventional imager rationale, skills and training: a position paper of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2021, 22, 471-479.	0.5	28
48	Transcatheter Tricuspid Valve Intervention in Patients With Right Ventricular Dysfunction or Pulmonary Hypertension. Circulation: Cardiovascular Interventions, 2021, 14, e009685.	1.4	26
49	Comparison of Deep Sedation With General Anesthesia in Patients Undergoing Percutaneous Mitral Valve Repair. Journal of the American Heart Association, 2017, 6, .	1.6	25
50	Computed tomography imaging needs for novel transcatheter tricuspid valve repair and replacement therapies. European Heart Journal Cardiovascular Imaging, 2021, 22, 601-610.	0.5	25
51	Concomitant tricuspid regurgitation severity and its secondary reduction determine long-term prognosis after transcatheter mitral valve edge-to-edge repair. Clinical Research in Cardiology, 2021, 110, 676-688.	1.5	24
52	Prejunctional muscarinic receptors regulating neurotransmitter release in airways. Life Sciences, 1995, 56, 981-987.	2.0	21
53	Impact of left atrial diameter on outcome in patients undergoing edgeâ€toâ€edge mitral valve repair: results from the German <scp>TRAnscatheter</scp> Mitral valve Interventions (<scp>TRAMI</scp>) registry. European Journal of Heart Failure, 2020, 22, 1202-1210.	2.9	20
54	Percutaneous transvenous direct annuloplasty of a human tricuspid valve using the Valtech Cardioband. European Heart Journal, 2017, 38, 690-690.	1.0	16

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55	Functional relevance of presynaptic muscarinic autoreceptors. Journal of Physiology (Paris), 1993, 87, 77-81.	2.1	14
56	Transcatheter indirect mitral annuloplasty induces annular and left atrial remodelling in secondary mitral regurgitation. ESC Heart Failure, 2020, 7, 1400-1408.	1.4	14
57	Underweight is associated with inferior short and long-term outcomes after MitraClip implantation: Results from the German TRAnscatheter mitral valve interventions (TRAMI) registry. American Heart Journal, 2020, 222, 73-82.	1.2	13
58	Centre procedural volume and adverse inâ€hospital outcomes in patients undergoing percutaneous transvenous edgeâ€toâ€edge mitral valve repair using <scp>MitraClip</scp>Â® in <scp>Germany</scp>. European Journal of Heart Failure, 2021, 23, 1380-1389.	2.9	13
59	Advanced Protocol for Three-Dimensional Transesophageal Echocardiography Guidance Implementing Real-Time Multiplanar Reconstruction for Transcatheter Mitral Valve Repair by Direct Annuloplasty. Journal of the American Society of Echocardiography, 2019, 32, 1359-1365.	1.2	12
60	First percutaneous COMBO therapy of tricuspid regurgitation using direct annuloplasty and staged edge-to-edge repair in a surgical-like Clover technique. European Heart Journal, 2018, 39, 3621-3622.	1.0	11
61	Impact of Mitral Annular Dilation on Edge-to-Edge Therapy With MitraClip-XTR. Circulation: Cardiovascular Interventions, 2021, 14, e010447.	1.4	10
62	Minimizing Paravalvular Regurgitation With the Novel SAPIEN 3 Ultra TAVR Prosthesis: A Real-World Comparison Study. Frontiers in Cardiovascular Medicine, 2021, 8, 623146.	1.1	9
63	Left Atrial Volume Index and Outcome after Transcatheter Edgeâ€toâ€edge Valve Repair for Secondary Mitral Regurgitation. European Journal of Heart Failure, 0, , .	2.9	9
64	Left atrial appendage occlusion in valvular atrial fibrillation following MitraClip implantation. Clinical Research in Cardiology, 2012, 101, 393-396.	1.5	8
65	Transapical implantation of a transcatheter aortic valve prosthesis into a mitral annuloplasty ring guided by real-time three-dimensional cardiac computed tomographyâ€“fluoroscopy fusion imaging. European Heart Journal, 2018, 39, 327-328.	1.0	8
66	Association of transcatheter direct mitral annuloplasty with acute anatomic, haemodynamic, and clinical outcomes in severe mitral valve regurgitation. ESC Heart Failure, 2020, 7, 3336-3344.	1.4	8
67	The Neochord Procedure After Failed Surgical Mitral Valve Repair. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 35-44.	0.4	8
68	Transgastric imagingâ€”The key to successful periprocedural TEE guiding for edgeâ€toâ€edge repair of the tricuspid valve. Echocardiography, 2021, 38, 1948-1958.	0.3	8
69	Predictors of shortâ€and longâ€term outcomes of patients undergoing transcatheter mitral valve edgeâ€toâ€edge repair. Catheterization and Cardiovascular Interventions, 2021, 97, E390-E401.	0.7	7
70	Percutaneous Mitral Valve Annuloplasty in Patients With Secondary Mitral Regurgitation and Severe Left VentricularÂEnlargement. JACC: Heart Failure, 2021, 9, 453-462.	1.9	7
71	Indications, Limitations, and Development of Tricuspid Valve Interventions in Adults. Canadian Journal of Cardiology, 2022, 38, S66-S78.	0.8	6
72	Percutaneous treatment of mitral regurgitation in patients with impaired ventricular function: Impact of intracardiac electronic devices (from the German Transcatheter Mitral Valve Interventions) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	5

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73	Impact of obesity on adverse in-hospital outcomes in patients undergoing percutaneous mitral valve edge-to-edge repair using MitraClipÂ® procedure - Results from the German nationwide inpatient sample. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1365-1374.	1.1	5
74	The Revolution in Heart Valve Therapy: Focus on Novel Imaging Techniques in Intra-Procedural Guidance. Structural Heart, 2021, 5, 140-150.	0.2	5
75	One-Year Outcomes of the TRI-REPAIR Study Assessing Cardioband Tricuspid Valve Reconstruction System for Patients with Functional Tricuspid Regurgitation. Journal of Cardiac Failure, 2019, 25, S11.	0.7	4
76	Transcatheter edge-to-edge repair for tricuspid regurgitation in Barlow-type tricuspid valve prolapse. European Heart Journal, 2020, 41, 3766-3766.	1.0	4
77	Transcatheter Tricuspid Valve Intervention in Patients With Previous Left Valve Surgery. Canadian Journal of Cardiology, 2021, 37, 1094-1102.	0.8	4
78	Long-Term Outcome with New Generation Prostheses in Patients Undergoing Transcatheter Aortic Valve Replacement. Journal of Clinical Medicine, 2021, 10, 3102.	1.0	4
79	Transcatheter Mitral Valve Repair: Single Stage Combo Approach. Revista Espanola De Cardiologia (English Ed), 2019, 72, 972-975.	0.4	3
80	Successful transcatheter aortic valve-in-valve implantation in a patient having a chronic type A aortic dissection. European Heart Journal, 2017, 38, 3391-3392.	1.0	2
81	Feasibility of a MPRâ€based 3DTEE guidance protocol for transcatheter direct mitral valve annuloplasty. Echocardiography, 2020, 37, 1436-1442.	0.3	2
82	Post-market clinical follow-up with the patent foramen ovale closure device IrisFIT (Lifetech) in patients with stroke, transient ischemic attack or other thromboembolic events. Cardiovascular Revascularization Medicine, 2020, 30, 72-75.	0.3	2
83	Transcatheter Mitral Valve Implantation Systematic Review: Focus on Transseptal Approach and Mitral Annulus Calcification. Current Cardiology Reports, 2021, 23, 37.	1.3	2
84	Early symptomatic benefit indicates long-term prognosis after transcatheter mitral valve edge-to-edge repair in functional and degenerative etiology. International Journal of Cardiology, 2021, 344, 141-146.	0.8	2
85	Patient selection for LIVE therapy: From clinical indications to multimodality imaging individual case planning. Echocardiography, 2021, 38, 1482-1488.	0.3	2
86	ECHOCARDIOGRAPHY: A Journal of Cardiovascular Imaging and Intervention. Echocardiography, 2022, 39, 4-4.	0.3	2
87	Chronic Development of Ischaemic Mitral Regurgitation during Post-Infarction Remodelling. Cardiology, 2007, 107, 239-247.	0.6	1
88	Neochord anterior leaflet treatment to facilitate transcatheter mitral valve replacement with 3D real-time echocardiography. European Heart Journal, 2020, 41, 4359-4359.	1.0	1
89	Percutaneous puncture of an aortoâ€bifemoral bypass graft and successful closure with MANTA^{Â®} device in transfemoral TAVR. Echocardiography, 2021, 38, 506-507.	0.3	1
90	â€œUnlucky punchâ€: unexpected annular rupture during TAVR and successful treatment. Echocardiography, 2021, 38, 705-706.	0.3	1

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91	How should I treat recurrent concomitant para-ring and valvular mitral regurgitation after surgical mitral valve repair in a high-risk patient?. EuroIntervention, 2015, 10, 1488-1492.	1.4	1
92	TCT-895 Prediction of implanted TAVI prosthetic size by 3D-TEE assessment. Journal of the American College of Cardiology, 2012, 60, B260.	1.2	0
93	Value of color doppler jet area for grading regurgitation severity in patients with secondary mitral regurgitation - better than its reputation?. European Heart Journal, 2013, 34, P2935-P2935.	1.0	0
94	Transcatheter transapical left ventricle remodelling in ischaemic cardiomyopathy with apical aneurysm using 3rd generation 3D cardiac computed tomography fusion imaging. European Heart Journal, 2017, 38, 2378-2378.	1.0	0
95	MULTICENTER TRIAL OF A TRANSFEMORAL SYSTEM FOR MITRAL VALVE ANNULOPLASTY: UP-TO-2-YEAR FOLLOW-UP RESULTS. Journal of the American College of Cardiology, 2017, 69, 994.	1.2	0
96	Transcatheter left ventricular reshape of apical ischaemic aneurysm achieves left ventricular remodelling, improves wall motion, causes papillary muscle approximation, and a reduction of secondary MVR. European Heart Journal, 2020, 41, 3862-3862.	1.0	0
97	Echocardiography-guided subxiphoidal transapical TAVR in a challenging anatomy: a case report. Journal of Cardiothoracic Surgery, 2020, 15, 131.	0.4	0
98	Crossroads: advanced guidance through an aortic coarctation by fusion imaging in transfemoral TAVR after aorto-aortic bypass. Cardiovascular Intervention and Therapeutics, 2021, , 1.	1.2	0
99	Mitral regurgitation tips the scales in acute or worsening heart failure. European Journal of Heart Failure, 2021, 23, 1763-1764.	2.9	0
100	Long-term outcomes with new generation prostheses in patients undergoing transcatheter aortic valve implantation. European Heart Journal, 2020, 41, .	1.0	0
101	Impact of tricuspid valve regurgitation severity and its secondary reduction on long-term survival after transcatheter mitral valve edge-to-edge repair. European Heart Journal, 2020, 41, .	1.0	0
102	Impact of left atrial diameter on outcome in patients undergoing edge-to-edge mitral valve repair: results from the German TRAnscatheter Mitral valve Interventions registry (TRAMI). European Heart Journal, 2020, 41, .	1.0	0
103	3-Dimensional assessment of tricuspid annular geometry after percutaneous edge-to-edge repair in patients with severe tricuspid regurgitation. European Heart Journal, 2020, 41, .	1.0	0
104	A rare case of minimally invasive myxoma extirpation with insufficient venous drainage due to a persistent left superior vena cava. Echocardiography, 2022, 39, 739-740.	0.3	0
105	Treating Mitral Regurgitation at the Ventricular Level. JACC: Cardiovascular Interventions, 2022, 15, 1264-1265.	1.1	0